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2. No. 13, 22, 1967

IND-SB-2(1)

January 25, 1966

NEW SERVICE BULLETIN

This is the first issue of a service bulletin on Energy Statistics. Its prime purpose is to release to interested users data as it becomes available and which will later be incorporated in final form in regular D.B.S. publications. It is also intended to release in this publication a number of items which up to now have been issued separately as well as information of general interest to the energy field which may come from other areas of statistical interest.

One of the major functions that we hope to fulfill with this bulletin is the preliminary release of data which although generally believed to be reliable will of necessity contain some estimates and inaccuracies. In this manner data will be made available to our users on as current a basis as possible.

It is planned to issue this bulletin not less frequently than once a month. A charge will be made when it is well established but for the present it is being sent to you on a complimentary basis. In the meantime we would appreciate your suggestions on changes that you think would improve this bulletin.

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1. Electric Energy Generation 1965 Preliminary figures indicate that the net generation by firms which generate a minimum of 10 million Kwh. per annum amounted to 142,765 million Kwh. in 1965. This represents an increase of 6.3 per cent over the 134,292 million Kwh. which were generated in 1964.

During the year, imports from the United States increased to 3,400 million Kwh. from 2,976 million Kwh. while exports decreased by 660 million Kwh. to 3,225 million Kwh. As a result, net energy used in Canada rose to 142,940 million Kwh. in 1965, a gain of 7.4 per cent over the corresponding 1964 figure. Secondary energy used in Canada rose slightly to 3,570 million Kwh. in 1965. Thus, firm energy used in Canada increased to 139,370 million Kwh. from 129,563 million Kwh. in 1964.

2. Generating Capacity 1964-1965 In 1965 Canada had the second largest increase in its generating capacity in its history, adding 2,265 megawatts second only to the 1959 total of 2,460 megawatts. Total installed generating capacity amounted to 29,292 megawatts, a rise of 4.7 per cent over the 1964 capacity. New hydro generating capacity added in 1965 amounted to 1,447 megawatts while 818 megawatts of new thermal capacity was installed during the same period.

The large increase in hydro generating capacity during the year is the result of the partial completion of sites which are relatively remote from load centres. The development of these sites was made possible by research which led to the use of 500 Kv. and 735 Kv. line which carries energy from Hydro-Quebec's Manicouagan-Outardes complex to load centres in the province was energized in 1965. It is the highest voltage line ever to be constructed.

The largest increases in hydro generating capacity occurred in Hydro Quebec's Manicouagan 2 plant (635 Mw), Manitoba Hydro's Grand Rapids plant (330 Mw), Calgary Power's Big Bend plant (144 Mw), Ontario Hydro's Harmon plant (129 Mw) and Manicouagan Power Company's McCormick plant (120 Mw).

The most notable increases in thermal generating capacity were in four steam plants - Ontario Hydro's Lakeview plant (300 Mw), British Columbia Hydro and Power Authority's Burrard plant (150 Mw), Hydro Quebec's Tracy plant (150 Mw) and Nova Scotia Light and Power Company's Tufts Cove plant (100 Mw).

Installed Generating Capacity (Preliminary) at End of Years 1964 and 1965

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.
nameplate rating in thousands of kilowatts (megawatts)												
Hydro	20,313	453	-	143	231	9,555	5,920	743	320	291	2,612	45
Steam	5,960	45	51	377	297	220	2,796(1)	322	557	777	517	1
Internal combustion ..	341	15	7	13	8	27	35	10	37	40	129	20
Gas turbine	413	-	-	-	-	36	-	4	53	143	175	2
1964 total	27,027	513	58	533	536	9,838	8,751	1,079	967	1,251	3,433	68

1965

Hydro	21,760	466	-	143	262	10,308	6,064	1,074	320	444	2,615	64
Steam	6,677	45	51	477	311	370	3,096(1)	322	560	777	667	1
Internal combustion ..	379	17	7	17	8	27	35	10	37	44	157	20
Gas turbine	476	-	-	-	-	36	63	4	53	143	175	2
1965 total	29,292	528	58	637	581	10,741	9,258	1,410	970	1,408	3,614	87

(1) Includes 20,000 kw. nuclear generating capacity.

3. Oil Pipeline Transport 1964 Increases in the domestic production of crude petroleum and equivalent hydrocarbon liquids stimulated increased activity in the oil pipeline transport industry during 1964. The 1964 production amounted to 313.1 million barrels, an increase of 9.1 per cent over 1963.

Net receipts into crude oil pipelines increased 6.6 per cent over 1963 with product receipts showing a corresponding increase. Alberta continued to provide the largest percentage of receipts with 45.3 per cent followed by Quebec (imports) 22.7 per cent and Saskatchewan 17.7 per cent. A summary of the provincial distribution of receipts into pipelines is as follows.

	Crude Oil	Products	Total
	million barrels		
Alberta	200.6	7.8	208.4
Quebec	94.2	10.0	104.2
Saskatchewan	80.4	0.9	81.3
Ontario	-	48.0	48.0
British Columbia	12.2	1.1	13.3
Manitoba	4.6	-	4.6
Totals	392.0	67.8	459.8

The sources of receipts into crude oil pipelines were 67.4 per cent from field gathering systems, 24 per cent imports, 5.6 per cent from natural gas processing plants and 3.0 per cent other carriers.

The sources of receipts into product pipelines were 90.4 per cent from refineries, 8.8 per cent from natural gas processing plants and 0.8 per cent from imports. Receipts from natural gas processing plants were 6 million barrels during 1964, as compared with 1.7 million in 1963. This increase is mainly attributable to the 579 miles six inch natural gas liquids pipeline from Empress, Alberta to Winnipeg, Manitoba operated by Petroleum Transmission Company. This pipeline runs parallel to the Trans-Canada gas pipeline and is utilized solely to transport natural gas liquids extracted from Trans-Canada's natural gas stream at the Pacific Petroleum processing plant at Empress.

Exports of crude oil and products via pipeline facilities during 1964 were 104.2 million barrels, an increase of 14.2 per cent over 1963 while imports remained relatively constant at 94 million barrels. Crude petroleum exports increased 12.5 per cent over 1963 while exports of liquefied petroleum gases and other products increased 162.3 per cent during the year.

Trunk lines increased their traffic by 9.0 per cent to 191.2 billion barrel miles of 28.0 billion ton miles while the average length of haul was 416.5 miles per barrel compared with 410.5 miles per barrel for 1963.

Pipeline mileage increased by 1,137 miles during 1964, mainly accounted for by the completion of three new pipeline systems. Largest of these, Petroleum Transmission Company, commenced operation March 31, 1964. This line is from Empress, Alberta, to Winnipeg, Manitoba and consists of 1 mile in Alberta, 384 miles in Saskatchewan and 194 miles in Manitoba. Another new company, Bow River Pipe Lines Ltd., started operating 40 miles of gathering and 231 miles of transmission line in

Alberta. Mitsue Pipeline Limited, Alberta, commenced operations with 94 miles of line, although this line is not yet complete. During the year, also, Producers Pipelines Ltd. increased their line by 58 miles and Interprovincial Pipe Line Company added 53 miles to their line in Manitoba.

The total oil pipeline mileage in Canada of 11,744.3 includes 1,456.9 miles of parallel and looped lines.

In the United States, Trans Mountain Oil Pipe Line Company (through its wholly owned subsidiary, Trans Mountain Oil Pipe Line Corporation) operates 64 miles of pipeline in the State of Washington, Interprovincial Pipe Line Company (through its wholly owned subsidiary, Lakehead Pipe Line Company Inc.) operates 1,465 miles in the United States as follows:

326 miles - 18" - from Gretna, Manitoba to Superior, Wisconsin.

326 miles - 26" - from Gretna, Manitoba to Superior, Wisconsin.

641 miles - 30" - from Superior, Wisconsin to Sarnia, Ontario.

164 miles - 34" loop from Clearbrook, Minn. to Superior, Wisconsin.

8 miles - 20" - two four-mile lines across the Straits of Mackinac, Michigan.

Montreal Pipe Line Company Limited operates 236 miles of pipeline from Portland, Main, to Montreal, Quebec, of which approximately 160 miles are in the United States. The United States Army operates a 625 miles 8" pipeline through the Yukon from Haines to Fairbanks, Alaska. This latter pipeline does not receive or distribute oil in Canada and consequently is not included in the statistics.

Gross additions to fixed assets for the oil pipeline industry for 1964 amounted to \$39.2 million, consisting of land and rights-of-way \$1.2 million, pipeline and pipeline equipment \$27.2 million, buildings, other property and equipment \$10.8 million.

Operating revenues in amount of \$138.5 million, increased 7.7 per cent over 1963 and were the main sources of funds to finance the operations and expansion of this industry. Operating expenses were \$32.1 million, an increase of 5.6 per cent over 1963. Interest on long term debt at \$13.7 million decreased 6.2 per cent from \$14.6 million in 1963. Income taxes in amount of \$37.4 million increased 13.7 per cent over 1963. The net income of this industry after providing for allowances for depreciation and income taxes was \$46.0 million, an increase of 17.0 per cent over the 1963 net income of \$39.3 million.

Total assets of this industry amounted to \$566.5 million as at December 31, 1964. Interprovincial companies owned \$339.5 million or 60 per cent of this total with the remaining 40 per cent being owned by companies operating within provincial boundaries.

Although the total number of employees decreased to 1,492 in 1964 from 1,501 the previous year, total salaries increased to \$10,665,313 from \$10,323,846 resulting in average annual earnings per employee of \$7,148, in 1964 and \$6,878 in 1963.

	1960	1961	1962	1963	1964	
Net Receipts into Pipelines:						
Domestic Crude	185.1	221.6	254.9	274.0	297.8	million barrels
All Commodities	315.5	352.5	387.5	431.1	459.8	"
Refinery Consumption of:						
Domestic Production	149.3	157.2	173.6	186.2	199.5	"
Imports	126.8	133.2	135.4	146.6	143.9	"
Exports via pipeline						
	41.8	67.8	86.6	91.2	104.2	"
Pipeline mileage						
Average length of haul	8,436.7	9,553.9	10,037.3	10,607.4	11,744.3	miles
Barrel miles	390.4	426.8	438.6	410.5	416.5	miles
	119,109.2	147,032.1	166,208.1	175,492.6	191,241.6	million
Operating revenue						
Operating expenses	94.2	106.7	122.7	128.6	138.5	million dollars
Depreciation	22.9	24.6	28.1	30.4	32.1	"
Net income after income tax	17.8	18.7	20.5	21.4	22.0	"
	23.5	30.7	35.7	39.3	46.0	"
Property account						
Long term debt	485.5	535.6	557.7	582.7	617.8	"
	298.9	322.7	309.8	298.8	291.1	"

Fossil Fuel Production 1964-1965

The total value of fossil fuel production for the first time exceeded \$1 billion. Estimates of production in 1965 were \$1,075,000,000, 7.7 per cent above last years \$998 million. Production of all fossil fuel commodities increased, accompanied by corresponding increases in value with the exception of coal where production increased but value decreased slightly. Alberta contributed the largest portion of production value approximately 3/4 followed by Saskatchewan with 1/5 Canadian production value, British Columbia with 5 per cent and Nova Scotia 4 per cent.

Oil was the leading commodity accounting for 3/4 of the total and assuring Alberta of the dominant position they enjoy in fossil fuel production in Canada. Natural gas accounted for 15 per cent and natural gas by-products for an additional 8 per cent, both of which enhanced Alberta's dominance in production. In coal, Nova Scotia was the leading producer both in volume and value followed by Alberta and Saskatchewan with relatively large volumes of low value coal.

Fossil fuels ranked second in terms of value of total mineral production in Canada, accounting for 28.8 per cent of the total mineral production of \$3.7 billion as compared with last year's \$998 million or 29.4 per cent of a total mineral production of \$3.3 billion.

DIRECTORY

Energy Statistics - R.L. Borden

Oil & Gas Statistics - T.E. McGowan

Coal & Electricity Statistics - D.F. Heney

1965

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	Canada
Coal	-	-	4,118,000	970,000	-	-	-	2,059,000	3,317,000	952,000	9,000	-	11,425,000
	-	-	41,950,000	8,300,000	-	-	-	3,785,000	11,500,000	6,000,000	110,000	-	71,645,000
Natural gas	-	-	-	100,380	-	13,369,000	-	41,565,000	1,253,029,000	161,976,000	-	44,075	1,470,083,455
	-	-	-	106,400	-	5,573,000	-	4,272,000	169,380,000	17,947,000	-	18,511	197,296,911
Natural gas-by products	-	-	-	-	-	-	-	2,270,309	86,852,464	3,424,681	-	-	92,547,454
Crude petroleum	-	-	-	3,000	-	1,297,000	5,003,000	87,619,000	185,506,941	13,511,000	-	632,000	293,571,941
	-	-	-	4,170	-	4,176,340	11,661,993	200,384,653	474,341,248	27,207,101	-	472,736	718,248,241
Total fuels	-	-	41,950,000	8,410,570	-	9,749,340	11,661,993	210,711,962	742,073,712	54,578,782	110,000	491,247	\$1,079,737,606

Total metallics,
non-metallic
fossil fuels
and structural
materials

\$3,737,055,548

1964

Coal	Ton	-	-	4,293,130	1,003,362	-	-	-	1,994,039	2,971,133	1,050,430	7,229	-	11,319,323
	\$	-	-	42,827,589	8,454,869	-	-	-	3,905,202	11,182,833	6,266,442	98,150	-	72,735,085
Natural gas	Mcf.	-	-	-	105,055	-	13,815,967	-	40,485,795	1,137,726,278	135,496,946	-	34,297	1,327,664,338
	\$	-	-	-	112,303	-	5,759,876	-	4,160,782	149,594,796	13,324,698	-	14,405	172,966,860
Natural gas-by products	\$	-	-	-	-	-	-	-	2,272,637	73,338,176	3,078,187	-	-	78,689,000
Crude petroleum	Bbls.	-	-	-	4,688	-	1,246,682	4,417,224	81,404,430	175,441,589	11,525,476	-	586,296	274,626,385
	\$	-	-	-	6,516	-	4,014,316	10,296,549	186,171,931	450,186,921	23,261,946	-	438,549	674,376,728
Total fuels	\$	-	-	42,827,589	8,573,688	-	9,774,192	10,296,549	196,510,552	684,302,726	45,931,273	98,150	452,954	\$ 998,767,673

Total metallics
non-metallics,
fossil fuels
and structural
materials

\$3,387,811,057

IND-SB-2(3)

February 10, 1966

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1. Preliminary Electric Energy Statistics, December 1965 Net generation of electric energy by firms which generate a minimum of 10 million kwh. per annum increased by 9.0% to 13,674,876 thousand kwh. in December 1965 from 12,542,881 thousand kwh. in December 1964. Secondary energy used in Canada increased sharply to 468,542 thousand kwh. from 283,141 thousand kwh. in December 1964. As a result, firm energy used in Canada increased 7.5% to 13,137,891 thousand kwh. in December 1965 from 12,226,212 thousand kwh. in December 1964.

During the year 1965, firms producing a minimum of 10 million kwh. per annum, generated 143,160,854 million kwh., an increase of 6.6% over the 134,292,197 thousand kwh. which were generated in 1964. Total generation in 1964 as mentioned in the ensuing article amounted to 134,987,000,000 kwh. Imports increased by 602,029 thousand kwh. to 3,577,639 thousand kwh. while exports decreased to 3,570,232 thousand kwh. from 4,184,781 thousand kwh. in 1964. There was an increase of 7.7% in the amount of secondary energy used in 1965 while firm energy used in Canada amounted to 139,377,091 thousand kwh. in 1965 compared with 129,562,643 thousand kwh. in 1964.

Preliminary Electric Energy Statistics
Thousand kwh

	December 1964	December 1965	Year 1964	Year 1965
Net generation - Hydro	9,975,976	11,104,131	113,225,625	116,712,297
- Thermal	2,566,905	2,570,745	21,066,572	26,448,557
Total net generation	12,542,881	13,674,876	134,292,197	143,160,854
Energy imported from U.S.A.	268,293	230,614	2,975,610	3,577,639
Energy exported to U.S.A.				
- Firm	66,305	48,860	832,784	645,007
- Secondary	235,516	250,197	3,351,997	2,925,225
Total exported to U.S.A.	301,821	299,057	4,184,781	3,570,232
Net energy used in Canada	12,509,353	13,606,433	133,083,026	143,168,261
Secondary energy used in				
Canada	268,718	468,542	3,520,383	3,791,170
Firm energy used in Canada	12,240,635	13,137,891	129,562,643	139,377,091

2. Production and Disposal of Electric Energy in 1964 Production of electric energy in 1964 amounted to 134,987,000,000 kilowatt hours, up 10.4% from the 1963 total of 122,238,000,000 kwh. according to an advance release of data that will be contained in the 1964 issue of the annual D.B.S. report "Electric Power Statistics." Generation by utilities in 1964 rose 10.0% to 102,889,000,000 from 93,501,000,000 kwh. in the preceeding year, and generation by industrial establishments - mainly for use in own plants - increased 11.7% to 32,098,000,000 from 28,737,000,000 kwh.

Electric energy made available in Canada in 1964 aggregated 133,949,000,000 kwh., up 10.2% from the 1963 total of 121,510,000,000 kwh.

Sales to ultimate customers and to industrial establishments with generating facilities increased 8.7% to 97,010 million kwh. from the 1963 total of 89,209 million kwh. Total revenue from these sales amounted to \$1,029,815,000, up 6.6% from the total of \$966,162,000 in 1963. The revenue per kilowatt hour for domestic and farm service continued to decline to 1.47¢ compared with 1.52¢ in 1963 and 1.54¢ in 1962. At the same time, average annual consumption per domestic and farm customer climbed to 5,296 kwh. from 5,084 kwh. in 1963 and 4,870 kwh. in 1962.

Disposal of Electric Energy - 1964

Used in own plant	Domestic and farm service			General service (commercial)		Power sales		Total sales to ultimate customers(1) and industrial establishments with generating facilities					
	Sales		Revenue per kwh. ¢	Sales	To ultimate customers Million kwh. \$	To industrial est. with generating fac. Million kwh. \$							
	Million kwh.	1,000 \$											
Canada ...	39,575	27,278	401,194	5,296	1.47	12,195	222,969	41,931	315,454	14,667	66,475	97,011	1,029,815
Nfld.	443	227	5,493	3,151	2.42	82	2,652	1,478	10,163	53	426	1,846	19,007
P.E.I. ...	-(2)	47	1,879	2,192	4.00	43	1,427	17	324	-	-	108	3,725
N.S.	566	655	15,327	3,577	2.34	454	12,301	415	6,113	290	1,329	1,837	36,081
N.B.	1,047	452	13,070	3,068	2.89	243	6,178	481	7,106	527	2,964	1,723	30,170
Que.	18,978	7,343	92,578	5,192	1.26	2,488	46,735	16,560	100,900	6,258	23,937	32,892	269,504
Ont.	7,448	11,773	153,896	5,974	1.31	5,050	69,211	16,372	123,363	5,359	28,681	38,922	384,328
Man.	965	1,787	20,830	6,919	1.17	685	10,642	1,765	14,679	800	2,184	5,101	49,717
Sask.	116	946	24,490	3,918	2.59	521	14,208	703	9,823	1	25	2,198	49,703
Alta.	520	1,295	25,732	3,813	1.99	770	20,076	1,793	21,659	87	662	4,039	70,594
B.C.	9,442	2,728	46,926	5,477	1.72	1,827	38,127	2,225	19,447	1,287	6,242	8,161	112,659
Yukon and N.W.T.	50	25	973	5,150	3.95	32	1,412	122	1,877	5	25	184	4,327

(1) Includes sales for street lighting.

(2) Less than .5 million kwh.

3. Selected Electric Power Statistics, 1964

	Installed generating capacity			Generation			Energy made available in Canada
	Utilities	Industrials	Total	Utilities	Industrials	Total	
	(thousand kilowatts)			(million kilowatt hours)			
Canada	21,891	5,136	27,027	102,889	32,098	134,987(1)	133,949
Nfld.	437	76	513	1,961	463	2,424	2,339
P.E.I.	57	-	57	124	-	124	124
N.S.	472	61	533	2,138	265	2,403	2,326
N.B.	425	111	536	1,908	648	2,556	2,419
Que.	7,141	2,697	9,838	38,153	18,679	56,832	49,895
Ont.	8,183	569	8,752	37,250	2,475	39,725	45,536
Man.	1,060	19	1,079	4,915	76	4,991	5,788
Sask.	922	46	968	3,202	137	3,339	2,751
Alta.	1,177	74	1,251	4,645	382	5,027	5,050
B.C.	1,966	1,467	3,433	8,391	8,922	17,313	17,468
Yukon-							
N.W.T.	51	16	67	202	51	253	253

(1) Hydro-electric generation - 113,344; thermal - 21,643

4. Fuel Used to Generate Electricity - 1964

Thermal generation of electric energy by public and private utilities amounted to 18,017,595 thousand kwh. in 1964 compared with 15,388,465 thousand kwh. the previous year, an increase of 17.1%. Coal was the principal fuel used for energy generation as it accounted for 70% of the total, with petroleum fuels and gas accounting for 10% and 19% respectively.

The quantity of coal used to generate electricity increased by 22% to 6,264,520 tons in 1964 from 5,150,179 tons in 1963. During the same period the amount of petroleum fuels used for electric energy generation increased by 40% while the amount of gas used decreased by 6%.

In addition to fuel used by utilities to generate electricity, industrial establishments with generating facilities used approximately 700,000 tons of coal, 105,000,000 gallons of petroleum fuels and 42,000,000 Mcf of manufactured and natural gas to generate electric energy.

Fuel Used to Generate Electricity - 1964

Electric Utilities Public and Private	Canada	New- foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.
Quantity of fuel:												
Coal-short ton ...	6,264,520	-	-	184,141	245,282	-	3,080,699	145,200	1,108,755	1,100,443	-	-
Petroleum fuels .. imp. gallon	135,793,094	7,432,514	10,778,394	26,222,642	33,760,450	7,763,263	5,552,981	3,811,292	19,755,519	6,227,934	11,599,622	2,888,483
Gas M.cu.ft.	44,129,114	-	-	-	-	-	186,799	280,258	9,522,089	28,088,982	6,050,986	-
Propane M.cu.ft.	5,646	-	-	-	-	-	-	-	-	-	5,646	-
Cost of fuel:												
Coal \$	40,180,951	-	-	5,994,515	2,125,655	-	27,986,075	576,460	2,005,334	1,492,912	-	-
Petroleum fuels .. \$	12,345,201	664,620	695,493	1,768,259	2,235,371	1,015,757	919,678	647,077	1,201,884	439,365	1,842,914	914,783
Gas \$	7,989,336	-	-	-	-	-	73,242	41,810	1,541,455	4,458,421	1,874,408	-
Propane \$	14,593	-	-	-	-	-	-	-	-	-	14,593	-
Total all fuels \$	60,530,081	664,620	695,493	7,762,774	4,361,026	1,015,757	28,978,995	1,265,347	4,748,673	6,390,698	3,731,915	914,783
Energy generated:												
By coal 000 kwh.	12,705,141	-	-	1,087,471	461,402	-	8,432,642	130,293	1,031,790	1,561,543	-	-
By petroleum fuels 000 kwh.	1,781,501	88,233	123,982	365,992	483,182	112,056	55,644	30,957	229,344	87,364	167,499	37,248
By gas 000 kwh.	3,388,241	-	-	-	-	-	18,585	18,386	650,772	2,100,702	599,796	-
By other fuels ... 000 kwh.	142,712	-	-	-	-	-	141,407(1)	-	-	-	1,305(2)	-
Total all fuels 000 kwh.	18,017,595	88,233	123,982	1,453,463	944,584	112,056	8,648,278	179,636	1,911,906	3,749,609	768,600	37,248

(1) Nuclear generation.

(2) Propane generation.

IND-SB-2(4)

February 22, 1966

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1. Oil Pipeline Transport

The following data is a summary of the Oil Pipeline Transport report, Catalogue No. 55-001.

Net receipts of crude oil, liquefied petroleum gases and petroleum products through Canadian pipelines in November rose 4.4% to 41,220,384 barrels from 39,464,780 in the same month last year, according to data that will be contained in the November issue of the D.B.S. report "Oil Pipeline Transport". Principal receipts in the month were 25,704,177 barrels of crude oil and equivalent (up by 2.5% from a year earlier), 8,711,052 barrels of imported crude (up by 9.4%), and 5,803,155 barrels of liquefied petroleum gases and petroleum products from refineries and bulk plants (up by 4.2%).

Net deliveries of petroleum and its products in November increased 5.5% to 41,885,164 barrels from 39,683,135 a year ago. Included in the month's deliveries were 9,499,335 barrels of domestic crude oil for export (up by 12.4%), and 5,509,532 barrels of liquefied petroleum gases and petroleum products to bulk plants and terminals (down by 1.2%).

2. Crude Petroleum and Natural Gas Production

The production of crude petroleum and equivalent hydrocarbon during

October 1965 amounted to 27,248,304 barrels (878,978 barrels/day), an increase of 8.4 per cent or 68,097 barrels per day from October 1964. The October production figures for all petroleum liquids for the two years are as follows:

	<u>October 1965</u>		<u>October 1964</u>	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates	24.9	803,226	23.0	741,936
Pentanes plus	2.3	74,193	2.1	67,742
Propanes and butanes	1.5	48,387	1.4	45,161
Totals.....	28.7	925,806	26.5	854,839

The disposition of crude and equivalent for October 1965 was 16.3 million barrels (59.7 per cent) to Canadian refineries and 9.1 million barrels (33.4 per cent) was exported. The difference of 6.9 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for the same period amounted to 12.4 million barrels (401,767 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 28.7 million barrels (926,883 barrels/day).

Natural gas production increased 10.4 per cent to 119,782,518 Mcf. from 108,539,787 Mcf. in October 1964. The disposition of natural gas for October is as follows; 17.9 million was net deliveries to storage and injection operations, 17.9 million was used, lost or unaccounted for in fields and processing plants and 34.2 million was exported; 19.7 million was sold to ultimate customers in the prairies, 14.8 million in Ontario, 5.4 million in British Columbia and 2.5 million in Quebec. The remaining 7.4 million Mcf. was accounted for by other deliveries, pipeline fuel and line pack fluctuations.

Tables containing detailed production and disposition figures for crude petroleum and natural gas for the month of October 1965, will be released in the publication titled "Crude Petroleum and Natural Gas", Catalogue No. 26-006.

Table 1 of the above report includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus, propane and butane production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

The second table is a Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In the third table, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial field use.

A companion publication "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

In the remaining tables, disposition items "Deliveries Petrochemical Plants, Distributors and Others" and "Refinery Material" are correlated to "Receipts from Gas Processing Plants", Table 3 and "Refinery Receipts of Propane/Butane/Mixes From Gas Processing Plants", Table 2, respectively in the companion publication "Refined Petroleum Products", Catalogue number 45-004.

3. Anticipated Crude Oil Requirements Anticipated refinery receipts for crude or equivalent for January are estimated to be 1,067,000 barrels per day an increase of 5.8% over January 1963 receipts of 1,008,000 barrels per day. February through to May 1966 percentage increases or (decreases) are February 4.1%, March 9.7%, April (1.2%), May (2.6%).

Forecast refinery requirements for 1966 are not included in this release as a result of anticipated revisions to submitted figures. These will be published at a later date in publication catalogue number 45-003 "Canadian Crude Oil Requirements".

CANADIAN CRUDE OIL REQUIREMENTS

Anticipated and actual refinery receipts of crude oil,
condensate and pentanes plus

	<u>Actual</u>		<u>Anticipated</u>				
	Year 1965	Year 1966	January	February	March	April	May
'000 barrels per day							
<u>BY SOURCE</u>							
Domestic:							
Prairies	535	..	572	563	548	535	494
B.C.	32	..	24	36	38	31	28
N.W.T.	2	..	2	3	2	2	2
Ont.	3	..	4	4	4	4	4
TOTAL	572	..	602	606	592	572	528
Imported	395	..	465	434	458	319	386
REQUIREMENT ..	967	..	1,067	1,040	1,050	891	914
1965 actual ..	-	..	1,008	999	957	902	939
<u>BY LOCATION</u>							
Atlantic	104	..	109	120	112	95	101
Que.	289	..	356	315	346	220	282
Ont.	302	..	329	308	316	314	301
Man.	39	..	42	42	36	36	30
Sask.	58	..	58	63	64	57	57
Alta.	92	..	95	93	78	80	70
B.C.	81	..	76	96	96	87	71
N.W.T.	2	..	2	3	2	2	2
REQUIREMENT ..	967	..	1,067	1,040	1,050	891	914
EXPORTS: (1) ..	295	..	319	350	344	..	..

(1) Reported by the pipeline companies.
.. Figures not available.

4501-504

4. Refined Petroleum Products Production of refined petroleum products rose 1.7% in December to 31,581,951 barrels from 31,059,327 the same month last year, according to data that will be contained in the December issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 0.5% in December to 30,279,106 barrels from 30,121,754 a year earlier, comprising 1.7% less domestic crude at 17,740 barrels versus 18,041,769 and 3.8% more imported crude at 12,539,106 barrels versus 12,079,985. Domestic disappearance of finished petroleum products decreased 1.7% to 42,707,826 barrels from 43,435,744 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, December 1965

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes ..	970,092	390,216	(2)	840,238	845,273	3,343,746
Quebec	2,841,672	852,391	963,675	2,083,450	2,790,992	9,989,840
Ontario	3,501,816	473,726	562,111	2,243,270	1,593,893	9,792,661
Manitoba ...	508,197	87,240	156,013	166,051	157,172	1,250,176
Saskatchewan	767,765	154,912	207,412	304,815	204,255	1,868,913
Alberta	1,431,999	59,330	556,950	352,801	210,391	3,010,089
N.W.T. and Yukon	- 8,060	-	30,319	181	1,982	61,771
B.C.	810,942	185,323	505,078	207,590	384,590	2,246,905
CANADA TOTAL	10,824,423	2,203,138	2,981,558	6,198,396	6,188,548	31,564,101

(1) Included with the Maritimes. (2) Included with Quebec.

NET SALES In Canada Of Selected Petroleum Products, December 1965

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	138,547	170,919	131,469	232,270	373,226	1,102,147
Maritimes ..	676,350	417,206	242,161	1,079,117	770,903	3,342,977
Quebec	2,695,944	1,021,356	619,567	3,943,920	3,021,131	12,284,594
Ontario	4,013,218	558,771	658,799	5,283,120	2,847,329	14,870,095
Manitoba ...	501,951	136,848	159,922	307,040	142,615	1,451,004
Saskatchewan	651,693	200,371	175,466	300,436	95,963	1,587,083
Alberta	1,060,131	57,685	418,484	181,660	64,890	2,305,441
N.W.T. and Yukon	11,667	13,014	11,023	30,709	-	75,065
B.C.	989,351	233,696	468,727	662,961	690,170	3,378,785
CANADA TOTAL	10,738,852	2,809,866	2,885,618	12,021,233	8,006,227	40,397,191

IMPORTS Into Canada Of Selected Petroleum Products, December 1965

Imports into Canada of Selected Petroleum Products, 1954	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes ..	-	176,447	488,327	99,466	109,375	919,888
Quebec	94,729	298,984	274,604	164,156	831,046	1,808,182
Ontario	-	-	-	-	20,840	186,681
All other ..	93,812	136,070	333,557	130,786	334,668	1,081,267
CANADA TOTAL	188,541	611,501	1,096,488	394,408	1,295,929	3,996,018

IND-SB-2(7)

March 29, 1966

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Crude Oil, Condensate and Pentanes Plus | Page 4 |
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1. Coal and Coke Statistics, January 1966 January production of coal amounted to 1,209,306 tons, an increase of .44% from the January 1965 production of 1,204,131^r tons. Landed imports increased to 148,749 tons compared with 146,281 tons in the same period last year. Shipments of coal as reported by mine operators decreased to 1,110,251 tons in January 1966 from 1,223,658^r tons in January 1965. In January 1966, consumption of coal and coke by industrial consumers amounted to 1,679,694 tons and 492,781 tons respectively compared with 1,802,421 tons and 487,684 tons in January 1965.

Coke production during the month of January 1966 rose slightly to 375,259 tons from 374,053^r tons in January 1965. During the same period, the amount of coke used in blast furnaces increased to 342,090 tons from 328,868 tons.

ERRATUM

IND-SB-2(3) Page 5. Quantity of coal used to generate electricity in Nova Scotia should read 584,141 tons.

Coal and Coke Statistics

January 1966

	Coal				Coke		
	Production	Landed Imports	Shipments by Coal Operators (Producers)	Consumption by Industrial Consumers	Stocks held by Industrial Consumers	Consumed by Industrial Consumers	Stocks held by Industrial Consumers
			</				

2. Canadian Crude Oil Requirements First Half 1966 Canadian refineries crude oil requirements for the first half of 1966 are forecast to exceed the requirement of one million barrels per day previously forecast for the year 1966 (March 9, 1966 Service Bulletin). The average take of 1016.3 thousand barrels per day indicates planned increases of 5.5% over the same period in 1965. Requirements for imported crude oil are anticipated to increase 8.2% while requirements for domestic crude will increase 3.1%.

The following table includes January to June anticipated requirements with corresponding actual takes of crude at refineries for the years 1961 to 1966.

CRUDE OIL REQUIREMENTS

January-June 1961-1966

	Domestic Crude	Imported Crude	Total
(000s barrels per calendar day)			
January to June:			
1966	587.5*	428.8*	1016.3*
1965	569.7	393.0	962.7
1964	544.5	377.6	922.1
1963	502.3	381.9	884.2
1962	476.9	349.4	826.3
1961	427.0	350.7	777.7

* Anticipated.

3. Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	Actual Jan. 1966	Anticipated 1966					Antici- pated 1966	Actual year 1965
		Feb.	March	April	May	June		
thousands ('000) barrels per calendar day								
<u>By source:</u>								
Domestic:								
Prairies	565.6	562.9	570.0	533.1	497.5	558.3	540.8	534.7
British Columbia	27.8	36.3	41.9	38.5	22.7	37.5	34.4	32.1
North West Territories ..	2.2	2.7	2.4	2.1	1.0	1.8	1.9	1.8
Ontario	3.4	3.8	3.8	3.9	3.9	3.8	3.8	3.5
Totals	599.0	605.7	618.1	577.6	525.1	601.4	580.9	572.1
Imported	414.6	440.2	462.4	403.4	436.5	415.5	419.0	394.5
Requirement	1,013.6	1,045.9	1,080.5	981.0	961.6	1,016.9	999.9	966.6
Actual 1965 by month	1,008.1	999.4	957.2	902.0	939.8	971.9	-	-
<u>By location:</u>								
Atlantic	98.1	125.6	131.2	92.0	118.8	118.8	106.5	103.5
Quebec	316.6	314.6	331.1	307.8	315.1	294.1	310.7	289.2
Ontario	329.1	308.0	322.9	321.2	297.9	319.7	305.5	301.4
Manitoba	42.1	42.1	42.7	38.3	25.1	36.0	37.5	39.4
Saskatchewan	57.1	63.6	59.2	55.6	57.0	71.5	61.2	58.4
Alberta	87.9	92.9	92.0	74.4	73.3	94.1	86.8	91.5
British Columbia	80.5	96.4	99.0	89.6	73.4	80.9	89.8	81.4
North West Territories	2.2	2.7	2.4	2.1	1.0	1.8	1.9	1.8
Requirement	1,013.6	1,045.9	1,080.5	981.0	961.6	1,016.9	999.9	966.6
Exports(1)	307.7	367.2	323.2	317.1	359.5	..	..	294.9

(1) Reported by the pipeline companies.

.. Figures not available.

The data contained in the above table was previously included in "Canadian Crude Oil Requirements" Catalogue No. 45-003 which has been discontinued.

4. Refined Petroleum Products Output of refined petroleum products decreased 1.3% in January to 31,633,808 barrels from 32,047,631 in the same month last year, according to an advance release of data that will be contained in the January issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 0.6% in January to 31,424,470 barrels from 31,252,265 a year earlier, comprising 4.1% less domestic crude at 18,569,813 barrels versus 19,353,982 and 8.0% more imported crude at 12,854,657 barrels versus 11,898,283. Domestic disappearance of finished petroleum products rose 2.3% to 38,789,150 barrels from 37,931,606 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, January 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes ..	950,199	419,099	(2)	1,021,494	819,664	3,295,505
Quebec	3,056,808	969,137	586,189	2,091,997	2,670,788	9,981,331
Ontario	3,307,945	329,888	494,214	2,204,480	1,591,961	9,819,383
Manitoba ...	567,152	41,938	217,218	194,254	136,606	1,323,304
Saskatchewan	705,720	160,606	236,938	189,529	206,516	1,778,101
Alberta	1,335,349	99,411	420,768	382,206	172,959	2,835,215
N.W.T. and Yukon	- 104	-	18,173	154	20,630	66,899
B.C.	895,054	168,954	437,721	265,772	443,812	2,518,977
CANADA TOTAL	10,818,123	2,189,033	2,411,221	6,349,886	6,062,936	31,618,715

(1) Included with the Maritimes. (2) Included with Quebec.

NET SALES In Canada Of Selected Petroleum Products, January, 1966

	Motor	Kerosene	Fuel Oil			Total all products
	gasoline	stove oil	Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	103,885	149,803	118,053	202,538	159,173	773,878
Maritimes ..	505,852	355,680	238,927	981,943	778,367	3,019,861
Quebec	2,261,303	972,186	482,497	4,079,961	2,432,983	11,043,243
Ontario	3,341,798	535,285	518,954	5,243,439	2,182,123	12,929,953
Manitoba ...	415,947	190,384	125,288	359,740	141,685	1,401,094
Saskatchewan	467,493	264,888	154,454	257,631	122,673	1,402,465
Alberta	859,557	74,142	337,692	161,490	58,989	2,013,848
N.W.T. and Yukon	8,829	36,183	8,193	32,292	-	91,243
B.C.	836,245	259,657	425,275	836,729	690,037	3,362,757
CANADA TOTAL	8,800,909	2,838,208	2,409,333	12,155,763	6,566,030	36,038,342

IMPORTS Into Canada Of Selected Petroleum Products, January 1966

Imports into Canada of Selected Petroleum Products, January 1966						
	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes ..	-	43,753	-	349,817	195,908	1,075,245
Quebec	-	-	484,981	10	-	70,973
Ontario	-	-	-	-	8,484	102,460
All other ..	102,619	34,619	51,396	8,736	267,746	519,713
CANADA TOTAL	102,619	78,372	536,377	358,563	472,138	1,768,391

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April 6, 1966

C O N T E N T S

1. Natural Gas Sales 1965 - Preliminary Review Page 1
2. Preliminary Electric Energy Statistics
February 1966 Page 5

NATURAL GAS SALES 1965 - PRELIMINARY REVIEW

Natural gas consumption in Canada over the past five years has had an annual growth rate of 11.5% and a total growth of over 50% in this period. The largest growth rate area was British Columbia 19.4% followed by Eastern Canada with 13.8% and the Prairie Provinces at 8.2%.

The Prairie Provinces maintained their position as Canada's largest market area for natural gas during 1965 consuming 46.2% of the sales followed by Eastern Canada 43.7% and British Columbia 10.1%. The corresponding figures for 1961 were Prairies 52.0%, Eastern Canada 40.3% and British Columbia 7.7%.

Exports to the United States increased 103% from 1961 to 1962 as a result of Alberta natural gas into new markets in Northern California. However since that time the growth rate has only been 3.8%.

Preliminary natural gas supply-demand statistics for the year 1965 have also been released. During the year total production climbed to 1.443 trillion Mcf, or an average of almost 4 billion Mcf per day. This compares with 1.317 trillion Mcf (3.6 billion Mcf per day) last year. Deliveries of marketable gas, that is gas delivered into the gas utility system after field uses and processing, amounted to 1.028 million Mcf (2.8 million Mcf per day). Exports accounted for 28% of production amounting to 404,709,025 Mcf an increase of 3.3% from last year.

Revenues from sales were \$369,306,826 (\$327,982,720 in 1964) while value of gas exported amounted to \$104,225,661 (\$101,683,379 in 1964).

	British Columbia		Prairies		Eastern Canada		Total
1961	7.7%	28.6	52.0%	192.7	40.3%	149.4	370.7
1962	7.8	32.3	50.4	207.5	41.8	172.3	412.1
1963	7.9	35.5	49.0	221.3	43.1	194.9	451.6
1964	8.4	42.6	46.5	234.4	45.1	227.5	504.5
1965	10.1	58.1	46.2	264.4	43.7	250.5	573.0

Exports to the United States
(in Billions of cubic feet at 14.73 p.s.i.a.)

1961	(168.9)	1962	(342.8)	1963	(359.6)	1964	(392.2)	1965	(404.7)
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Supply and Disposition of Natural Gas by Source - 1965
Thousands of cubic feet (M.C.F.) at 60° F and 14.73 p.s.i.a.

	New Brunswick	Ontario	Saskatchewan(1)	Alberta	British Columbia	Northwest Territories	Canada
Gross new production	99,381	12,619,867	59,791,000	1,278,469,418	171,033,725	646,264	1,522,659,655
Less field flared	-	-	17,132,000	52,642,839	8,451,625	603,196	78,829,660
Net new production	99,381	12,619,867	42,659,000	1,225,826,579	162,582,100	43,068	1,443,829,995

Supply

Disposition

Field disposition and uses	-	-	3,406,000	11,638,340	2,868,293	-	17,912,633
G.Gs.	-	-	150,000	4,423,400	33,749	-	4,607,149
Processing shrinkage	-	-	2,000,000	113,505,072	5,932,506	-	121,437,578
Other disposition and uses	-	-	2,225,000	51,538,922	11,170,720	-	64,934,642
Field injection and storage:							
Injected and stored	-	-	36,000	202,218,032	3,163,330	-	205,417,362
Less reproduced	-	-	-	2,824,712	-	-	2,824,712
Net field injection and storage	-	-	36,000	199,393,320	3,163,330	-	202,592,650
Other uses (consumers)	-	-	1,071,000	936,793	-	43,068	2,050,861
Adjustment	-	-	-	335,806	1,136,174	-	1,471,980
Deliveries of marketable gas	99,381	12,619,867	33,771,000	844,054,926	138,277,328	-	1,028,822,502
Total disposition	99,381	12,619,867	42,659,000	1,225,826,579	162,582,100	43,068	1,443,829,995

(1) Estimated.

Utilities' Receipts and Disposition of Natural Gas by Source - 1965
(Thousand cubic feet (M.C.F.) at 60°F and 14.73 p.s.i.a.)

	New Brunswick	Ontario	Saskat- chewan(2)	Alberta	British Columbia	Imports from U.S.A.	Total
<u>Receipts</u>							
Receipts of marketable gas ..	99,381	12,619,867	33,771,436	844,054,926	138,277,328	...	1,028,822,938
Imports .....	...	...	...	...	...	17,745,771	17,745,771
Other receipts(1)	-	76	-	369,110	-	...	369,186
Received from storage	-	29,627,160	2,927,796	2,192,793	-	...	34,747,749
Total receipts	99,381	42,247,103	36,699,232	846,616,829	138,277,328	17,745,771	1,081,685,644
<u>Disposition</u>							
Sales:							
British Columbia	-	-	-	11,118,293	46,990,102	-	58,108,395
Alberta	-	-	2,679	174,126,252	-	99,076	174,228,007
Saskatchewan	-	-	29,573,869	27,622,301	-	-	57,196,170
Manitoba	-	-	3,966,222	29,025,243	-	-	32,991,465
Ontario	-	40,617,395	-	160,933,263	-	17,646,695	219,197,353
Quebec	-	-	-	31,235,155	-	-	31,235,155
New Brunswick	59,678	-	-	-	-	-	59,678
Total sales	59,678	40,617,395	33,542,770	434,060,507	46,990,102	17,745,771	573,016,223
Exports	-	-	-	318,648,479	86,060,546	-	404,709,025
Other deliveries	-	-	-	2,457,815	-	-	2,457,815
Delivered to storage	-	-	3,227,753	42,941,073	-	-	46,168,826
Line pack fluctuation	-	-	14,695	341,420	194,192	-	550,307
Gas used in system	107	404,304	885,455	40,343,457	3,443,711	-	45,077,034
Line losses and unaccounted for	39,596	1,225,404	- 971,441	7,824,078	1,588,777	-	9,706,414
Total disposition	99,381	42,247,103	36,699,232	846,616,829	138,277,328	17,745,771	1,081,685,644

(1) Includes peak shaving and enrichment.

(2) Revised from December publication "Gas Utilities".

... Figures not appropriate or not applicable.

Receipts and Disposition of Natural Gas Utilities by Province - 1965
Thousand cubic feet (M.C.F.) at 60° F and 14.73 p.s.i.a.

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan(2)	Alberta	British Columbia	Canada(2)
<u>Receipts</u>								
Receipts of marketable gas	99,381	-	12,619,867	-	33,771,436	844,054,926	138,277,328	1,028,822,938
Imports	-	-	17,646,695	-	-	99,076	-	17,745,771
Other receipts(1)	-	-	76	369,110	-	-	-	369,186
Received from storage	-	-	29,627,160	-	2,927,796	2,192,793	-	34,747,749
Total supply of gas utilities	99,381	-	59,893,798	369,110	36,699,232	846,346,795	138,277,328	1,081,685,644
Transfers from:								
Other provinces	-	32,299,744	254,249,393	368,479,593	407,787,936	2,679	223,949,553	***
Distribution to transport (primary) ..	-	-	1,476,387	-	7,365,110	95,034	-	8,936,531
Other gas utilities	-	32,299,744	320,343,139	32,336,359	29,590,443	41,394,523	60,068,291	516,032,499
Total gross receipts	99,381	64,599,488	635,962,717	401,185,062	481,442,721	887,839,031	422,295,172	1,606,654,674
<u>Disposition</u>								
Sales:								
Residential	59,678	9,752,579	78,267,927	14,247,424	19,773,814	48,420,297	16,789,070	187,310,789
Industrial	-	18,768,338	104,458,002	8,916,956	27,588,726	89,647,351	35,289,543	284,668,916
Commercial	-	2,714,238	36,471,424	9,827,085	9,833,630	36,160,359	6,029,782	101,036,518
Total sales	59,678	31,235,155	219,197,353	32,991,465	57,196,170	174,228,007	58,108,395	573,016,223
Exports	-	-	3,144,212	73,987,381	-	29,308,188	298,269,244	404,709,025
Other deliveries	-	-	9,469	-	-	2,448,346	-	2,457,815
Delivered to storage	-	-	38,140,233	-	3,313,612	4,714,981	-	46,168,826
Line pack fluctuation	-	- 6,605	29,945	4,530	20,735	316,168	185,534	550,307
Gas used in system	107	77,580	16,236,916	7,582,838	15,958,819	936,687	4,284,087	45,077,034
Line losses and unaccounted for	39,596	993,614	5,085,319	33,096	- 484,440	2,659,608	1,379,621	9,706,414
Transfers to:								
Other provinces	-	-	32,299,744	254,249,393	368,482,272	631,737,489	-	***
Distribution by transport (primary) ..	-	32,299,744	224,160,785	32,336,359	29,590,443	10,064,178	58,778,011	387,229,520
Other gas utilities	-	-	97,658,741	-	7,365,110	31,425,379	1,290,280	137,739,510
Total disposition	99,381	64,599,488	635,962,717	401,185,062	481,442,721	887,839,031	422,295,172	1,606,654,674

(1) Includes peak shaving and enrichment.
(2) Revised from December publication "Gas Utilities".
... Figures not appropriate or applicable.

Preliminary Electric Energy Statistics - February 1966

Preliminary statistics indicate a 10.2 per cent

increase in February 1966 electric energy generation over the generation of one year ago. Virtually all of the increase was in hydro-electric generation. There were no significant changes in exports, imports or secondary energy used. Net generation for the twelve month period ending February 28, 1966 amounted to 145,641,532 thousand Kwh. compared with 144,516,316^r thousand Kwh. for the period ending in January and 135,228,765 thousand Kwh. in the period ending in February 1965. Full details will be contained in the February issue "Electric Power Statistics", Catalogue number 57-001 which will be issued shortly.

^r Revised figure.

Preliminary Electric Energy Statistics

(thousand Kwh)

	February		
	1964	1965	1966
Net generation - Hydro	9,061,066	9,090,780	10,157,673
Thermal	1,795,421	2,393,496	2,451,819
Total net generation	10,856,487	11,484,276	12,609,492
Energy imported from U.S.A.	206,294	269,358	216,016
Energy exported to U.S.A.:			
Firm	70,122	63,219	44,734
Secondary	272,730	215,121	233,584
Total exported to U.S.A.	342,852	278,340	278,318
Net energy used in Canada	10,719,929	11,475,294	12,547,190
Secondary energy used in Canada	235,561	274,512	299,076
Firm energy used in Canada	10,484,368	11,200,782	12,248,114

IND-SB-2-(10)

April 22, 1966 (2:30 p.m.)

PRELIMINARY ESTIMATES OF EXPENDITURES OF THE OIL AND GAS -
EXPLORATION, DEVELOPMENT AND PRODUCTION INDUSTRY -
1965

Expenditures by the oil and gas industry during 1965 for exploration, development and production purposes approximated the one billion dollars mark. Western Canada accounted for 97.8% of the industry expenditures with Alberta accounting for 71.2% of the total followed by Saskatchewan (15.1%) and British Columbia (8.0%).

1965 is the first year "Net Cash Expenditure" statistics from this industry have been collected by the Dominion Bureau of Statistics although comparable statistics for Western Canada were previously collected and published by the Canadian Petroleum Association.

The 1965 survey conducted by the Dominion Bureau of Statistics encompassed some 380 companies active in the exploration, development and production of oil and gas within Canada and in the off-shore waters of the Atlantic and Pacific Oceans and in the Hudson's Bay of which 80 companies reported expenditures of more than one million dollars or over in one or more provinces. Total salaries and wages paid by these 380 companies amounted to about 90 million dollars.

The co-operation and advice of the Canadian Petroleum Association and the provincial governments were received in the conduct of the survey.

Net Cash Expenditures of the Petroleum Industry - 1965

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Total Western Canada	Ontario	Quebec Atlantic Provinces off-shore areas	Total Canada 1965
in thousands of dollars									
1. Exploration:									
(a) Geological and geophysical expenditures	100	5,500	41,800	5,700	8,000	61,500	400	8,700	70,200
(b) Land acquisition and rentals	1,000	27,100	187,000	23,600	1,300	240,000	1,400	900	242,300
(c) Exploratory drilling:									
Dry	500	7,000	46,700	6,100	11,000	71,300	1,200	400	72,900
Productive - Oil	100	3,300	15,900	2,400	2,000	23,700	100	-	23,800
Gas/condensate	-	100	6,700	1,900	100	8,800	200	-	9,000
2. Development drilling:									
Dry	100	4,400	14,300	2,000	-	20,800	500	-	21,300
Productive - Oil	500	20,000	70,800	7,000	-	98,300	300	-	98,600
Gas/condensate	--	1,000	14,200	2,600	-	17,800	1,300	--	19,100
3. Capital expenditures:									
(a) Field equipment - Oil	300	17,300	28,900	7,800	-	54,300	300	-	54,600
Gas/condensate	-	1,200	12,700	1,500	--	15,400	600	-	16,000
(b) Secondary recovery and pressure maintenance	200	4,200	9,400	1,300	-	15,100	--	-	15,100
(c) Other	100	2,500	13,200	1,600	200	17,600	1,000	-	18,600
4. Operation of wells - Including flow line and related facilities	2,200	29,900	66,200	4,700	200	103,200	3,100	--	106,400
5. Natural gas plants:									
(a) Capital expenditures	-	200	26,900	1,100	-	28,200	100	-	28,300
(b) Operating expenditures	-	1,000	44,200	600	-	45,800	200	-	46,000
6. General:									
(a) Taxes (excluding income tax)	200	2,400	10,200	300	-	13,100	300	--	13,400
(b) Royalties	1,600	24,300	75,800	8,100	200	110,000	600	--	110,600
(c) All other expenses not allocated above	100	4,900	24,700	2,000	-	31,700	100	100	31,900
Totals	7,000	156,300	709,600	80,300	23,000	976,200	11,700	10,000	998,000
Percentage distribution	0.7	15.7	71.2	8.0	2.3	97.8	1.1	1.0	100.0

Note: -- Indicates insignificant amounts.

1965

1964(1)

1963(1)

1962(1)

1961(1)

in thousands of dollars

1. Exploration:

(a) Geological and geophysical expenditures ...

(b) Exploratory drilling:

Dry

Productive - Oil

Gas/condensate

(c) Land acquisition and rentals

(d) Overhead (not included above)

2. Development drilling:

Dry

Productive - Oil

Gas/condensate

Overhead (not included above)

3. Capital expenditures:

(a) Field equipment - Oil

Gas/condensate

(b) Secondary recovery and pressure maintenance project

(c) Other

4. Operation of wells - Including flow lines and related facilities

5. Natural gas plants:

(a) Capital expenditures

(b) Operating expenditures

6. General:

(a) Taxes (excluding income tax)

(b) Royalties

(c) All other expenses not allocated above

Total expenditures - Western Canada

(1) As collected and published by the Canadian Petroleum Association.

(2) Overhead expenditures for 1. Exploration and

2. Development drilling for 1965 were allocated to the appropriate account categories.

0804-504

IND-SB-2-(13)

May 27, 1966

GAS UTILITIES 1964

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REVIEW OF SURVEY RESULTS

The gas utilities industry during 1964 showed continued financial growth and physical expansion. Pipeline mileage approximating the driving distance of the Trans Canada highway from Calgary to Montreal was added to gathering, transmission and distribution systems with 21 new compressor stations being installed during the year to increase their rated horsepower capacity by 32.3%. The total cost of these and other additions to plant property and equipment during the year amounted to \$241 million, bringing the total investment in fixed assets to \$2,180 billion of which \$288 million has been charged against income for accumulated depreciation.

Net operating revenues of the natural gas utilities industry in Canada during 1964 increased 16.3% over 1963 (\$202.7 million 1964, \$173.8 million 1963) and provided the major source of funds available for its expansion. Increased long term debt in amount of \$82.3 million, increased ownership equity \$40.4 million and non-operating revenues and other sources of \$24.1 million were also significant contributing factors.

Significant applications of funds during the year over and above the net acquisition of fixed assets of \$218.6 million, were: payments of interest on long term debt \$74.2 million, \$33.1 million in dividend to equity owners, and \$13.3 million in income taxes by privately owned gas utilities.

Major additions to mileage of operating pipe lines were completed by both transmission and distribution companies. Alberta Gas Trunk Line Company Limited added 117 miles of main line and looped 87 miles of existing line. Trans-Canada Pipe Lines Limited completed the looping of their existing line with 100 miles in Saskatchewan and 50 miles in Manitoba. The Saskatchewan Power Corporation added another 195 miles to their transmission line, and 59 miles to their distribution system. Other major additions to distribution systems were, The Consumers' Gas Company 183 miles, British Columbia Hydro and Power Authority 150 miles and Greater Winnipeg Gas Company 78 miles.

The five largest companies in the transport system accounted for \$1,066 million in assets or 47.6% of the total assets of natural gas utility companies operating in Canada.

Total fiscal year revenues from gas sales amounted to \$423.8 million with distribution systems accounting for \$322.3 million and transport systems \$224.4 million.

Interprovincial transport systems showed net profits of \$18.3 million, up 29.8% from \$14.1 million in 1963 while intraprovincial transport systems increased their net incomes 13.0% to \$8.7 million from \$7.7 million in 1963.

Employees for the gas utilities totalled 11,027 and their earnings \$60.8 million. Average earnings per employee were \$5,511. In 1963 employees totalled 11,063, earnings \$58.5 million and average earnings per employee were \$5,289.

Sales of natural gas to ultimate customers within Canada during 1964 increased 11.7% to 504.5 from 451.6 MMMcf. in 1963 and revenue from these sales increased 14.0% to \$328.0 from \$287.7 million. The number of natural gas customers increased to 1,506 from 1,449 thousand, while sales per customer increased to 344 from 323 Mcf. Average revenue per Mcf. was 65 cents and average revenue per customer \$224 as compared to 64 cents and \$206 respectively for 1963.

Sales per residential customer increased 8 Mcf. to 122, revenue per customer increased approximately \$8.50 to \$128 and revenue per Mcf. sold remained the same as in 1963 at \$1.04. Sales per industrial customer increased 380 Mcf. to 24,401, revenue per customer increased \$554 to \$9,214 and revenue per Mcf. increased 2 cents from the previous year's 36 cents. Commercial sales per customer increased 76 Mcf. to 709, revenue per customer increased \$54 to \$511 and revenue per Mcf. remained the same at 72 cents.

Sales of natural gas for residential use increased to 163.6 MMMcf. from 145.9 MMMcf. in 1963. Largest sales volume was in Ontario, 42.1 per cent, followed by Alberta 25.9%, British Columbia 9.9%, Saskatchewan 9.5%, Manitoba 7.3%, Quebec 5.3% and a small amount in New Brunswick. Sales for industrial use increased to 257.4 MMMcf. from 235.4, Ontario accounting for 37.7%, followed by Alberta 33.7%, Saskatchewan 8.9%, Quebec 8.6%, British Columbia 8.1% and Manitoba 3.0%. Sales for commercial use increased to 83.5 MMMcf. from 70.4 MMMcf. with the largest portion of these sales in Alberta, 38.2%, followed by Ontario 34.1%, Manitoba 9.5%, Saskatchewan 8.8%, British Columbia 6.6% and Quebec 2.8%.

Sales of liquefied petroleum gases in pipe line systems increased 33.3% to 1,005 MMcf. from 753 MMcf. while sales of manufactured gas decreased 52.3% to 641 MMcf. from 1,345 MMcf. in 1963.

Peak sales of natural gas were recorded in December at 59.1 MMMcf. up 9.8% compared with the 1963 peak month of January at 53.8 MMMcf.

Total natural gas receipts from fields or processing plants, by gas utilities, amounted to 944.2 MMMcf., up 11.5% from the 846.9 MMMcf. in 1963. Imports increased to 9.6 MMMcf. from 6.8 MMMcf. Other receipts, including liquefied petroleum gases used for peak shaving and other temporary uses, increased to 333 MMcf. from 257 MMcf.

Receipts from storage during the year amounted to 27.2 MMMcf. down slightly from 27.6 MMMcf., while deliveries to storage amounted to 35.5 MMMcf., also down slightly from 36.0 MMMcf. during 1963. Net increase of gas in storage during the year was 8.3 MMMcf. These storage facilities are used to satisfy peak seasonal demands and are located in three provinces, Ontario, Saskatchewan and Alberta.

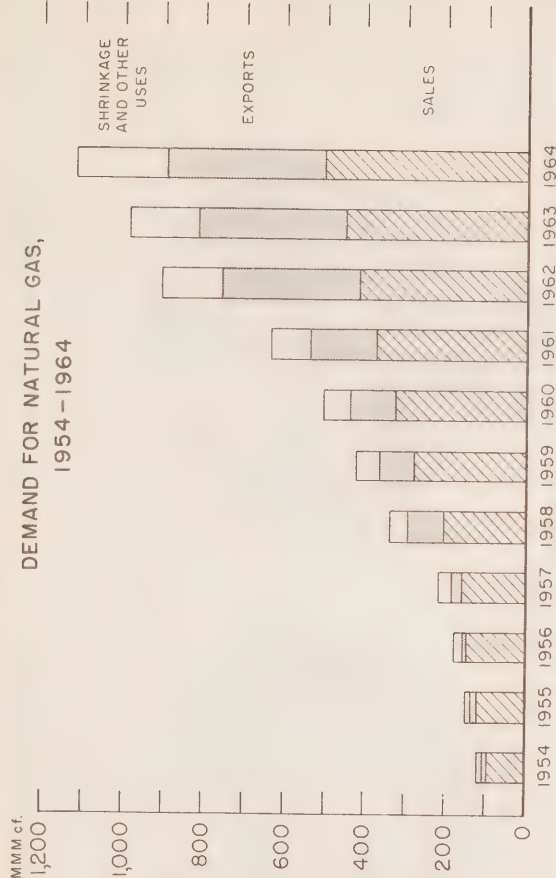
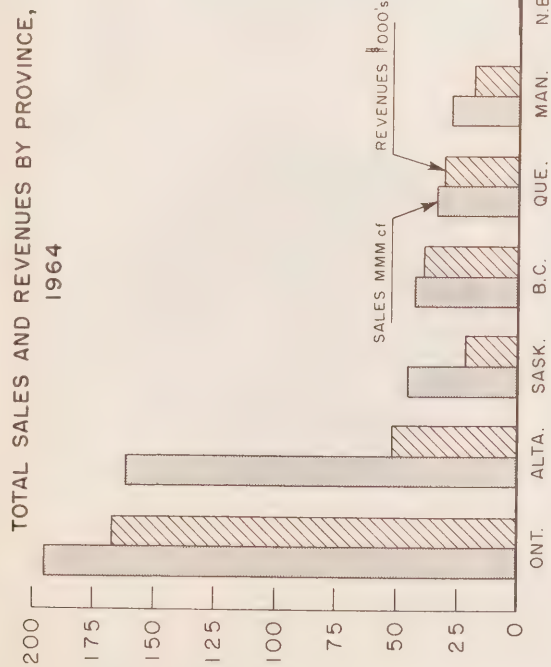
Alberta dominated the supply picture, accounting for 780.6 MMMcf. of the total 944.2 MMMcf. of marketable gas. Although the total production of natural gas was 1,317 MMMcf. only 944.2 MMMcf. were delivered to utilities with the remainder being placed in field injection, or storage operations, or used in field, gathering, or natural gas processing plant operations.

The total traffic through gas transport systems was estimated at 671 trillion cubic feet miles or 15,309 million ton miles compared with 580 trillion cubic feet, 13,233 ton miles in 1963. The gross margin per MMcf. mile was 18.4 cents (0.807 cents per ton mile) compared with 19.1 cents in 1963, and 19.7 cents in 1962. Gross margin per Mcf. of gas carried was 17.1 cents.

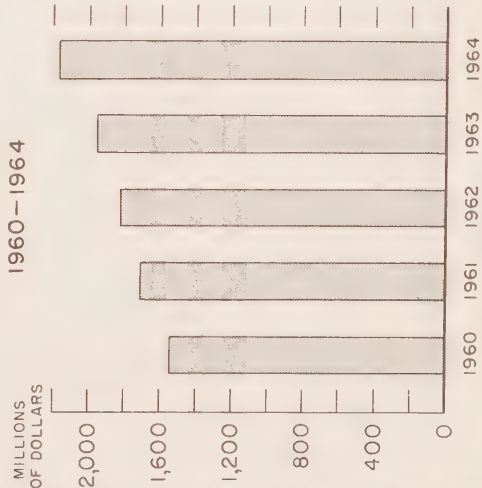
The average length of haul for transport systems was estimated at 929 miles compared with 895 miles last year with the average throughput per mile of line at 288,338 Mcf. per day, an increase of 7.2% from 269,059 Mcf. for 1963. The average throughput was 1,980,090 Mcf. per day.

Financial statistics contained in this bulletin were summarized from more detailed annual statements of this industry that will be published in our 1964 annual Gas Utilities report, catalogue No. 57-205. Commodity movement statistics contained herein were compiled from monthly figures contained in our Gas Utilities publication catalogue No. 55-002.

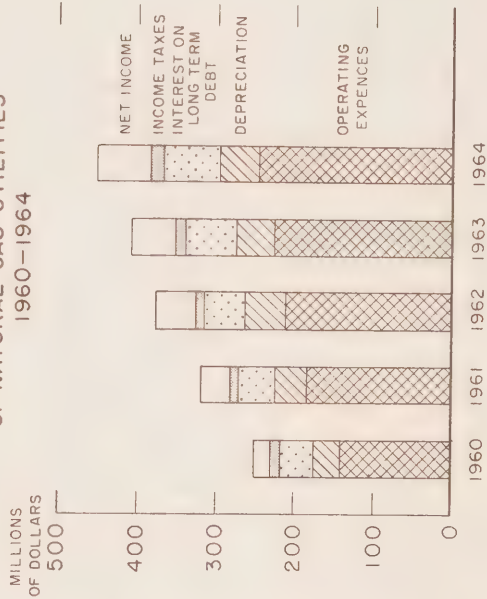
SELECTED STATISTICS OF THE NATURAL GAS UTILITIES INDUSTRIES



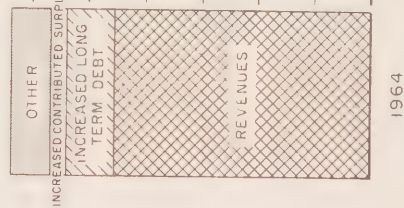
FIXED ASSETS OF NATURAL GAS UTILITIES 1960-1964



REVENUES AND EXPENSES OF NATURAL GAS UTILITIES 1960-1964



SOURCE OF FUNDS

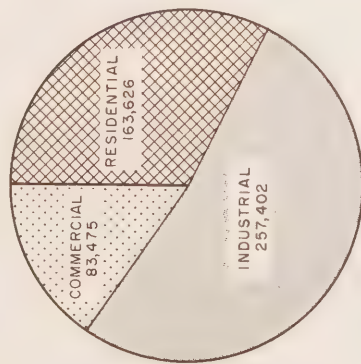


APPLICATION OF FUNDS



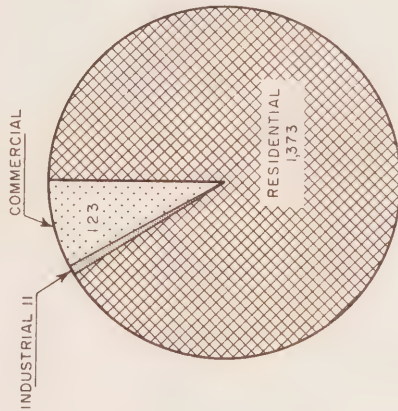
NATURAL GAS SALES, REVENUES AND CUSTOMERS, 1964

SALES BY CATEGORY
OF SERVICE



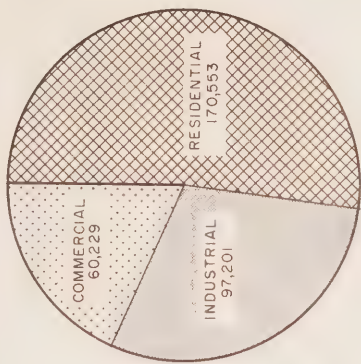
(504,503 THOUSAND Mcf)

CUSTOMERS BY CATEGORY
OF SERVICE



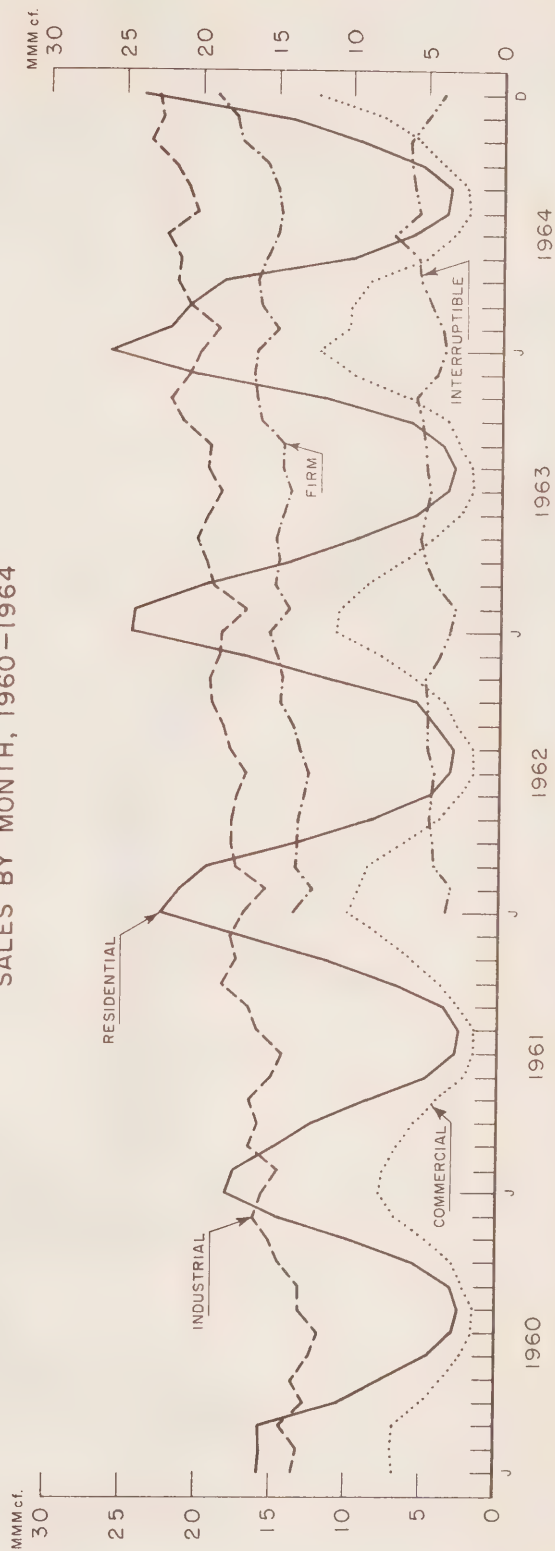
(1,507 THOUSANDS)

REVENUES BY CATEGORY
OF SERVICE



(327,983 THOUSANDS
OF DOLLARS)

SALES BY MONTH, 1960-1964



NATURAL GAS RECEIPTS AND DISPOSITION CANADA, 1964

The map illustrates the distribution of natural gas across Canada in 1964. Key data points include:

- Alberta:** 118,500 (Production), 220,400 (Disposition), 290,900 (Disposition), 42,600 (Disposition).
- Manitoba:** 780,600 (Production), 357,300 (Disposition), 31,300 (Disposition).
- Saskatchewan:** 224,600 (Production), 27,800 (Disposition), 71,400 (Disposition).
- Ontario:** 34,000 (Production), 33,200 (Disposition), 194,300 (Disposition), 2,100 (Imports), 13,700 (Disposition).
- Quebec:** 9,500 (Imports).

To be read in conjunction with table 6; all volumes in MMcf.

To be read in conjunction with table 6; all volumes in MMcf.

Funds Flow Statement of the Natural Gas Utilities
for Years Ending December 31, 1961 to 1964

	1961	1962	1963	1964
millions of dollars				
<u>Application of funds</u>				
Operating and other expenses:				
Cost of gas sold(1)	80.3	93.3	106.3	124.5
Operating expenses	100.8	113.1	116.4	110.9
Interest on long term debt	48.0	52.7	66.9	74.2
Income taxes	10.6	11.1	12.0	13.3
Dividends - Preferred	4.0	4.7	4.4	) 33.1
Common	10.8	27.7	18.8	
Acquisition of fixed assets	178.8	128.1	153.7	218.6
Increased deferred debits	-	-	9.2	-
Increased investments	9.6	10.6	20.1	18.3
Other	9.7	27.0	29.1	21.2
Increased working capital	29.2	-	-	5.7
Totals	481.8	468.3	536.9	619.8

Source of funds

Revenues:				
Sales(1)	292.7	350.7	388.0	424.3
Other operating revenues	17.1	18.4	8.5	13.5
Interest and dividend income	9.5	8.9	10.8	12.1
Decreased deferred debits	0.6	10.8	-	5.7
Increased long term debt	119.7	49.8	92.2	82.3
Increased deferred credits and reserves	-	3.6	8.4	-
Increased preferred stock .....	) 36.6	2.5	7.0	(4.3
Increased common stock				(8.1
Increased contributed surplus	-	-	-	28.0
Other	5.6	0.3	9.2	6.3
Decreased working capital	-	23.3	12.8	35.2
Totals	481.8	468.3	536.9	619.8

(1) Intercompany transactions eliminated.

Income Statement of Gas Utilities, 1964

- 8 -

	Natural gas distribution systems						Total natural gas utilities	Manufactured and L.P.G. systems		Total utilities
	Eastern Canada		Western Canada		Total	Natural gas transport systems		Publicly operated	Privately operated	
	Publicly operated	Privately operated	Publicly operated	Privately operated						
millions of dollars(1)										
Operating revenue	2.4	194.3	53.6	78.1	328.4	232.4	437.9(2)	1.2	1.7	440.8
Operating expenses:										
Gas supply	1.4	99.8	16.1	27.4	144.7	102.6	124.5(2)	0.6	0.4	125.5
Transmission operation	-	0.2	1.1	0.6	1.9	12.7	14.5	-	-	14.5
Distribution operation	0.1	11.3	4.3	4.7	20.4	-	20.4	0.2	0.1	20.7
Other operations	-	0.9	2.9	2.9	6.7	5.6	12.3	-	0.4	12.7
Other:										
Administrative	0.2	22.7	2.1	7.2	32.2	6.3	38.5	0.2	0.5	39.2
Maintenance	0.1	4.7	-	2.1	6.9	3.9	10.8	-	0.2	11.0
Municipal and other taxes	-	4.8	0.7	4.0	9.5	5.4	14.9	-	0.1	15.0
Other	-	0.6	-	-	0.6	(1.1)	(0.5)	-	-	(0.5)
Total operating expenses	1.8	145.0	27.2	48.9	222.9	135.4	235.4	1.0	1.7	238.1
Net revenue from operations	0.6	49.3	26.4	29.2	105.5	97.0	202.5	0.2	-	202.7
Other income:										
Investment income	-	1.2	-	0.7	1.9	1.2	3.2	-	-	3.2
Income from affiliated companies	-	5.3	-	0.2	5.5	0.6	6.1	-	-	6.1
Sinking and other fund income	-	-	1.1	-	1.1	0.1	1.3	-	-	1.3
Other	-	0.9	-	0.5	1.4	0.2	1.6	-	-	1.6
Other deductions:										
Depreciation	-	11.9	5.7	6.8	24.4	26.9	51.3	0.2	-	51.5
Amortization	0.1	0.9	-	0.1	1.1	-	1.2	-	0.1	1.3
Other	-	1.8	-	0.6	2.4	1.1	3.5	-	-	3.5
Fixed charges:										
Interest on long term debt	0.2	16.4	10.9	6.1	33.6	38.9	72.5	0.1	0.1	72.7
Interest on amounts due affiliates	-	1.1	-	0.3	1.4	0.4	1.7	-	-	1.7
Other	-	0.6	-	0.2	0.8	1.5	2.3	-	-	2.3
Net income before income taxes	0.3	24.0	10.9	16.5	51.7	30.3	82.0	(0.1)	(0.2)	81.7
Provision for income taxes	-	3.5	-	6.5	10.0	3.2	13.3	-	-	13.3
Net income after taxes	0.3	20.5	10.9	10.0	41.7	27.1	68.7	(0.1)	(0.2)	68.4

(1) Minor addition differences due to rounding to millions of dollars.

(2) Intercompany transaction eliminated.

(1) Minor addition differences due to rounding to millions of dollars.
(2) Intercompany transaction eliminated.

	Natural gas distribution systems						Total natural gas utilities	Manufactured and liquefied petroleum gases systems	Total utilities
	Eastern Canada			Western Canada					
	Publicly operated	Privately operated	Total	Publicly operated	Privately operated	Total			
millions of dollars									
<u>Assets</u>									
Current Assets:									
Cash & temporary investments	0.3	6.3	25.2	11.0	7.6	9.4	-	-	34.6
Special deposits	-	0.1	0.1	-	-	3.5	-	-	3.6
Accounts receivable	0.3	40.3	55.3	2.3	12.4	27.6	-	0.3	82.9
Materials & supplies	-	4.3	7.2	1.7	1.2	4.3	-	0.2	11.5
Gas-underground storage & line pack ..	-	6.2	6.7	0.5	-	2.7	-	-	9.4
Other current assets	0.1	4.9	6.9	0.2	1.7	0.3	-	-	7.2
Investments:									
Investments in affiliated companies ..	-	65.5	72.2	-	6.7	41.5	-	-	113.7
Other investments	-	11.5	34.4	20.9	2.0	13.1	-	0.2	47.7
Plant, property and equipment	5.4	553.3	1,082.5	249.6	274.2	1,085.8	5.9	6.7	2,180.9
Less: accumulated depreciation	0.9	73.2	165.4	33.6	57.7	118.0	2.2	2.5	288.1
Deferred debits	-	17.4	26.4	2.4	6.6	17.7	-	0.2	44.3
Total assets	5.2	636.6	1,151.5	255.0	254.7	1,087.9	3.7	5.1	2,248.2
<u>Liabilities and net worth</u>									
Current liabilities:									
Short term loans	0.1	44.2	54.5	1.0	9.2	27.2	-	0.7	82.4
Accounts payable - Trade	0.3	13.8	21.5	1.5	5.9	24.7	-	0.4	46.6
Affiliated Co's	-	12.1	12.3	-	0.2	2.3	-	0.5	15.1
Interest and dividends payable	-	6.2	12.3	2.7	3.4	12.4	-	-	24.7
Accrued taxes	-	1.8	6.3	-	4.5	1.9	-	-	8.2
Long term debt - current year	-	6.6	11.4	2.0	2.8	22.1	-	0.2	33.7
Other current liabilities	-	5.4	8.6	0.6	2.6	0.7	-	-	9.3
Deferred credits	-	0.6	3.0	1.1	1.3	9.3	-	-	12.3
Accumulated tax reductions:									
Applicable to future years	-	6.3	8.8	-	2.5	3.0	-	-	11.8
Insurance and other reserves	-	0.3	3.7	-	3.4	-	-	-	3.7
Long term debt	3.4	283.0	534.2	138.7	109.1	742.0	1.1	3.8	1,281.1
Advances from affiliated companies ..	-	24.8	119.6	87.6	7.2	3.2	2.6	1.4	126.8
Interest of minority shareholders in subsidiaries	-	-	-	-	-	-	-	-	-
Capital stock and surplus:									
Preferred	-	46.8	75.1	-	28.3	25.1	-	-	100.2
Common	-	95.2	132.0	-	36.8	97.2	-	0.6	229.8
Contributed surplus	-	18.8	22.3	1.7	1.8	76.0	-	-	98.3
Retained earnings	1.4	41.4	96.6	18.1	35.7	40.8	-	(2.5)	134.9
Excess of appraised value of fixed assets over (depreciated) cost ..	-	29.3	29.3	-	-	-	-	-	29.3
Total liabilities and net worth ..	5.2	636.6	1,151.5	255.0	254.7	1,087.9	3.7	5.1	2,248.2

Property Account of Gas Utilities, 1963-64

	Total as at December 31, 1963	Additions 1964	Retirements 1964	Other changes 1964	Balance December 31, 1964	Eastern Canada	Western Canada
millions of dollars							
Natural gas distribution systems:							
Intangible plant	18.6	0.2	-	(0.3)	18.5	0.8	17.7
Production plant	57.9	2.9	0.2	(1.8)	58.8	3.8	55.0
Gathering plant	23.8	4.4	0.1	-	28.1	1.8	26.3
Products extraction plant	2.1	-	-	-	2.1	0.1	2.0
Manufactured gas plant	16.0	-	-	-	16.0	15.7	0.3
Underground storage plant	4.5	0.9	0.2	(0.1)	5.1	0.6	4.5
Transmission plant	144.2	6.3	1.3	(2.2)	147.0	16.4	130.6
Distribution plant	624.2	63.4	3.8	(5.0)	678.8	434.4	244.4
Local storage plant	9.1	2.2	-	0.5	11.8	9.6	2.2
General plant	71.5	14.3	4.6	(1.2)	80.0	49.9	30.1
Undistributed plant	33.3	(2.1)	0.6	5.7	36.3	25.5	10.8
Total	1,005.2	92.5	10.8	(4.4)	1,082.5	558.6	523.9
Natural gas transport systems:							
Intangible plant	13.1	-	-	-	13.1		
Gathering plant	17.7	5.4	0.4	-	22.7		
Products extraction plant	21.2	4.8	-	-	26.0		
Underground storage plant	7.4	0.9	-	-	8.3		
Transmission plant	793.7	54.6	1.2	8.2	855.3		
General plant	9.2	1.3	0.6	-	9.9		
Undistributed plant	82.2	80.9	-	(12.6)	150.5		
Total	944.5	147.9	2.2	(4.4)	1,085.8		
Total natural gas utilities:							
Intangible plant	31.7	0.2	-	(0.3)	31.6		
Production plant	57.9	2.9	0.2	(1.8)	58.8		
Gathering plant	41.5	9.8	0.5	-	50.8		
Products extraction plant	23.3	4.8	-	-	28.1		
Manufactured gas plant	16.0	-	-	-	16.0		
Underground storage plant	11.9	1.8	0.2	(0.1)	13.4		
Transmission plant	937.9	60.9	2.5	6.0	1,002.3		
Distribution plant	624.2	63.4	3.8	(5.0)	678.8		
Local storage plant	9.1	2.2	-	0.5	11.8		
General plant	80.7	15.6	5.2	(1.2)	89.9		
Undistributed plant	115.5	78.8	0.6	(6.9)	186.8		
Total	1,949.7	240.4	13.0	(8.8)	2,168.3		
Manufactured and liquefied petroleum gases systems:							
Intangible plant	0.7	-	-	-	0.7		
Manufactured gas plant	1.0	-	-	-	1.0		
Distribution plant	7.9	0.4	0.2	-	8.1		
Local storage plant	0.4	-	-	-	0.4		
General plant	2.2	0.2	0.1	0.1	2.4		
Undistributed plant	-	-	-	-	-		
Total	12.2	0.6	0.3	0.1	12.6		
Total all utilities	1,961.9	241.0	13.3	(8.7)	2,180.9		

Gas Sales by Category of Service and Province, 1964

	Number of customers at December 31	Average number of customers during year	Gas sold	Revenue	Sales per customer	Revenue per customer	Revenue per Mcf.
	000's		MMcft.	millions of dollars	Mcf.	\$	\$
Natural gas sales:							
Residential:							
New Brunswick ..	2.4	2.4	0.1	0.2	26	84	3.24
Quebec	209.4	213.2	8.7	16.2	41	76	1.86
Ontario	606.9	586.0	68.8	85.9	118	147	1.25
Manitoba	78.8	74.4	12.0	10.9	161	146	0.90
Saskatchewan ...	93.9	90.3	15.5	11.8	171	131	0.77
Alberta	226.4	220.9	42.3	23.4	192	106	0.55
British Columbia	155.1	149.4	16.2	22.2	108	148	1.37
Canada	1,372.9	1,336.6	163.6	170.6	122	128	1.04
Industrial:							
New Brunswick ..	-	-	-	-	-	-	-
Quebec	2.3	2.3	22.1	10.9	9,520	4,674	0.49
Ontario	6.4	6.2	97.0	52.9	15,690	8,559	0.55
Manitoba	0.2	0.2	7.8	2.5	35,195	11,193	0.32
Saskatchewan ...	0.5	0.5	23.0	5.8	44,467	11,194	0.25
Alberta	0.6	0.6	86.6	15.5	145,138	26,030	0.18
British Columbia	0.8	0.7	20.9	9.6	29,411	13,579	0.46
Canada	10.8	10.5	257.4	97.2	24,401	9,214	0.38
Commercial:							
New Brunswick ..	-	-	-	-	-	-	-
Quebec	9.6	9.8	2.3	3.3	237	338	1.42
Ontario	49.1	47.2	28.5	28.1	603	595	0.99
Manitoba	7.0	6.7	8.0	5.6	1,197	745	0.71
Saskatchewan ...	11.8	10.4	7.3	4.2	705	402	0.57
Alberta	25.1	24.3	31.9	12.6	1,313	518	0.39
British Columbia	20.2	19.4	5.5	6.4	285	331	1.16
Canada	122.8	117.8	83.5	60.2	709	511	0.72
Totals:							
New Brunswick ..	2.4	2.4	0.1	0.2	26	84	3.24
Quebec	221.3	225.3	33.1	30.4	147	135	0.92
Ontario	662.4	639.4	194.3	166.9	304	261	0.86
Manitoba	86.0	81.3	27.8	19.0	342	233	0.68
Saskatchewan ...	106.2	101.2	45.8	21.8	453	216	0.48
Alberta	252.1	245.8	160.8	51.5	654	209	0.32
British Columbia	176.1	169.5	42.6	38.2	251	226	0.90
Canada	1,506.5	1,464.9	504.5	328.0	344	224	0.65
Liquefied petroleum gases sales							
	17.5	..	1.0	1.8	58	106	1.83
Manufactured gas sales							
	3.6	..	0.6	0.5	179	139	0.78

.. Figures not available.

GAS UTILITIES

Natural Gas Pipe Line Mileage by Province, as at December 31, 1958-64(1)

	1958	1959	1960	1961	1962	1963	1964
	miles						
Gathering:							
New Brunswick	10.6	10.6	6.5	6.4	6.4	6.4	6.4
Quebec	-	-	-	-	-	-	-
Ontario	940.4	955.4	909.5	1,313.9	1,314.6	1,048.9	1,042.5
Manitoba	-	-	-	-	-	-	-
Saskatchewan	269.2	278.2	286.3	274.5	297.5	308.5	388.8
Alberta	1,675.9	1,857.6	2,067.6	2,439.5	2,540.0	2,919.6	3,070.7
British Columbia	212.5	337.5	410.4	429.4	409.1	409.0	409.1
Totals	3,108.6	3,439.3	3,680.3	4,463.7	4,567.6	4,692.4	4,917.5
Transmission:							
New Brunswick	11.4	11.4	13.4	13.4	13.4	13.4	13.4
Quebec	26.5	25.0	25.0	25.0	25.0	25.0	25.0
Ontario	3,466.1	3,528.6	3,565.9	3,135.0	3,140.7	3,265.1	3,365.4
Manitoba	375.0	391.3	444.0	456.9	496.0	631.1	731.4
Saskatchewan	1,395.2	1,782.9	2,102.5	2,274.3	2,566.0	2,831.8	3,081.0
Alberta	2,581.2	3,094.5	3,452.5	4,087.5	4,293.1	4,310.5	4,775.5
British Columbia	1,101.7	1,103.5	1,112.3	1,224.7	1,310.4	1,311.5	1,319.0
Totals	8,957.1	9,937.2	10,715.6	11,216.8	11,844.6	12,388.4	13,310.7
Distribution:							
New Brunswick	65.4	65.4	32.1	32.3	32.3	32.4	32.5
Quebec	971.1	1,027.4	1,115.1	1,123.6	1,143.9	1,202.5	1,262.7
Ontario	8,094.9	9,144.3	9,528.8	10,183.9	10,864.9	11,700.3	12,296.6
Manitoba	509.8	690.3	833.8	853.6	946.5	1,117.1	1,178.6
Saskatchewan	946.7	1,060.0	1,205.3	1,272.8	1,425.0	1,535.9	1,636.5
Alberta	2,201.9	2,455.0	2,675.6	2,895.7	3,099.6	3,224.2	3,383.4
British Columbia	2,379.9	2,709.3	3,028.3	3,182.8	3,427.5	3,646.7	3,843.3
Totals	15,169.7	17,151.7	18,419.0	19,544.7	20,939.7	22,459.1	23,633.6
Totals:							
New Brunswick	87.4	87.4	52.0	52.1	52.1	52.2	52.3
Quebec	997.6	1,052.4	1,140.1	1,148.6	1,168.9	1,227.5	1,287.7
Ontario	12,501.4	13,628.3	14,004.2	14,632.8	15,320.2	16,014.3	16,704.5
Manitoba	884.8	1,081.6	1,277.8	1,310.5	1,442.5	1,748.2	1,910.0
Saskatchewan	2,611.1	3,121.1	3,594.1	3,821.6	4,288.5	4,676.2	5,106.3
Alberta	6,459.0	7,407.1	8,195.7	9,422.7	9,932.7	10,454.3	11,229.6
British Columbia	3,694.1	4,150.3	4,551.0	4,836.9	5,147.0	5,367.2	5,571.4
Totals	27,235.4	30,528.2	32,814.9	35,225.2	37,351.9	39,539.9	41,861.8

(1) Includes pipe line mileage of producing companies.

Prepared in Information Division
0804-504

IND-SB-2-(14)

May 30, 1966

C O N T E N T S

1. Coal and Coke Statistics, March 1966 Page 1
2. Oil Pipeline Transport, March 1966 Page 3

1. COAL AND COKE STATISTICS, MARCH 1966

March production of coal amounted to 1,029,472 tons, a decrease of 15.3% from the March 1965 production of 1,215,367 tons. The decreases in production occurred in both strip and underground mining. Underground mining showed a slight increase in all producing provinces except Nova Scotia where productions declined. Landed imports decreased to 98,278 tons compared with 102,598 tons in the same period last year. Shipments of coal as reported by mine operators decreased to 809,963 tons in March 1966 from 980,698 tons in March 1965. In March 1966, consumption of coal and coke by industrial consumers amounted to 1,356,147 tons and 502,861 tons respectively compared with 1,533,464 tons, 453,543 tons in March 1965.

Coke production during the month of March 1966 rose to 378,598 tons from 365,158^r tons in March 1965. During the same period, the amount of coke used in blast furnaces increased to 335,781 tons from 284,478 tons.

^r Revised figure.

Coal and Coke Statistics

March 1966

	Coal			Coke			
	Production	Landed Imports	Shipments by Coal Operators (Producers)	Consumption by Industrial Consumers	Stocks held by Industrial Consumers	Consumption by Industrial Consumers	Stocks held by Industrial Consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
1 Prince Edward Island ...	-	-	-	-	-	-	-
2 Nova Scotia	359,488	-	264,284	84,923	23,071	34,949	-
New Brunswick	72,485	-	75,591	67,831	77,771	28	53
Quebec	-	33,151	-	163,177	313,060	53,504	39,015
Ontario	-	64,881	-	749,135	2,244,008	387,400	108,769
Manitoba	-	246	-	30,410	101,491	160	736
Saskatchewan	213,301	-	212,397	129,206	174,165	-	-
Alberta	288,834	-	299,761	118,332	23,241	314	210
British Columbia and Yukon	95,364	-	77,175	13,133	15,276	26,506	43,261
Total Canada	1,029,472	98,278	929,208	1,356,147	2,972,083	502,861	192,044



IND-SB-2-(16)

June 17, 1966

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1. Coal and Coke Statistics, April 1966 April production of coal amounted to 815,331 tons, a decrease of 9.9% from the April 1965 production of 905,364 tons. Landed imports increased to 1,260,464 tons compared with 1,187,679 tons in the same period last year. Shipments of coal as reported by mine operators decreased to 769,618 tons in April 1966 from 793,309 tons in April 1965. In April 1966, consumption of coal and coke by industrial consumers amounted to 1,243,252 tons and 444,886 respectively compared with 1,361,297 tons and 449,385 tons in April 1965.

Coke production during the month of April 1966 rose to 372,646 tons from 355,251^r tons in April 1965. During the same period, the amount of coke used in blast furnaces increased to 316,798 tons from 280,242 tons.

^r Revised figure.

Coal and Coke Statistics

April 1966

	Coal			Coke			
	Production	Landed Imports	Shipments by Coal Operators (Producers)	Consumption by Industrial Consumers	Stocks held by Industrial Consumers	Consumed by Industrial Consumers	Stocks held by Industrial Consumers
	tons						
Newfoundland	-	3,073	-	-	-	-	-
Prince Edward Island ...	-	-	-	-	-	-	-
Nova Scotia	315,840	17,023	295,804	66,179	20,842	34,684	-
New Brunswick	67,109	-	64,050	60,355	75,812	-	-
Quebec	-	54,151	-	139,005	245,680	33,448	57,298
Ontario	-	1,186,081	-	739,706	2,399,259	353,217	113,806
Manitoba	-	24	-	34,550	95,105	154	837
Saskatchewan	107,982	-	108,655	66,997	161,287	-	-
Alberta	234,623	-	234,023	125,775	38,857	262	245
British Columbia and Yukon	89,777	112	67,086	10,685	14,986	23,121	45,246
Total Canada	815,331	1,260,464	769,618	1,243,252	3,051,828	444,886	217,432

2. GAS UTILITIES
(Transport and Distribution Systems)

MARCH 1966

During March 1966 field gathering systems and processing plants delivered to gas utilities 100,734,601 Mcf. of natural gas. The transport systems accounted for 77,969,076 Mcf. and distribution systems 22,765,525 Mcf. Natural gas recovered from storage was 4,225,721 Mcf. The total supply of gas utilities amounted to 108,002,338 Mcf., 3.8 per cent higher than in March 1965. Of the total supply 66,479,658 Mcf. were sold to ultimate customers in Canada, an increase of 9.7 per cent. Exports increased 2.6 per cent to 38,020,917 Mcf. from 37,040,549 Mcf. last year. For the twelve month period ended March 1966 exports totalled 408,650,103 Mcf. while net deliveries amounted to 1,005,728,309 Mcf.

Transport system traffic which represents virtually all of the major "inter-city" movements of natural gas amounted to 67.5 billion commodity (Mcf.) miles (1,539 million ton miles) during March 1966 compared with 68.0 billion (1,550 million ton miles) last year. The daily average deliveries of gas utilities amounted to 3.4 million Mcf.

Alberta natural gas utilities receipts totalled 79.5 billion cubic feet; of this 23.4 per cent was sold to ultimate customers in Alberta, 21.0 per cent in Ontario, 3.9 per cent in Saskatchewan, 4.0 per cent in Quebec, 4.6 per cent in Manitoba and 1.6 per cent in British Columbia. Exports accounted for 36.9 per cent while the remaining 4.6 per cent was other deliveries, deliveries to storage, line pack changes, gas used in systems and line losses and unaccounted for.



IND-SB-2-(17)

June 22, 1966

ANNUAL ELECTRIC POWER SURVEY OF CAPABILITY AND LOADPreliminary DataReview of Survey Results

Total net generating capability in 1965 for firms which generate over 10 million kwh. per year increased 2,249,000 kw. or 8.6 per cent to 28,274,000 kw. The forecast years 1966-1970 indicate an anticipated growth of 12,170,000 or a compound growth rate of 7.4 per cent as compared with the 1955-1965 growth rate of 7.2 per cent. Thermal capability is expected to grow at an annual rate of 13.5 per cent in the forecast period compared with an actual rate of 13.8 per cent in the previous ten year period, while hydro-electric capability is expected to increase at 5.0 per cent compared with 5.7 per cent in the previous ten years. The hydro electric capability forecast figures do not include the Churchill Falls development in Labrador nor the Nelson River project in Manitoba. Eighty-two per cent of the thermal capability growth will be in conventional steam plants.

The first nuclear capability is forecast for 1967. The nuclear capability does not include the 20,000 kw. plant at Rolphton, Ontario which is an experimental plant and therefore is not considered part of the capability. However, energy generated in this plant has been fed into the system and is included in Table 13.

In 1964 it was forecast that the net generating capability in 1965 would be 28,285,000 kw. The actual 1965 net generating capability fell short of this estimate by only 11,000 kw. All provinces were very close to achieving the capability which was forecast in 1964.

The largest absolute growths in generating capability for the five forecast years are indicated for Ontario, 4,450,000 kw.; Quebec, 3,269,000 kw.; British Columbia, 1,544,000 kw. and New Brunswick, 621,000 kw. Sixty-seven per cent of the increased generating capability in Ontario will be in conventional steam plants, while nuclear capability will be increased to 700,000 kw.

Quebec plans to increase its capability by adding 2,928,000 kw. hydro and 341,000 kw. in conventional thermal capability. British Columbia is forecasting an increase of 1,308,000 kw. in hydro capability and 236,000 kw. in thermal capability while New Brunswick estimates increases of 295,000 kw. and 326,000 kw. in hydro and thermal capability respectively.

In the period from 1955 to 1965 the growth rate of firm power peak load in Canada was 6.9 per cent. This growth rate is expected to increase to 7.6 per cent during the forecast years 1966 to 1970. During the forecast period the indicated reserve is expected to increase from 3,981,000 kw. in 1965 to 5,522,000 kw. in 1970. The indicated reserve stated as a percentage of firm power peak load amounted to 16.4 per cent in 1965 and it is forecast that it will decline slightly to 15.8 per cent in 1970.

Indicated reserve data does not take into account reduction in generating capability due to adverse flow conditions such as ice, low water, etc., which occur during the peak load season. In 1965, this reduction in generating capability amounted to about 570,000 kw. with Quebec accounting for 89.5 per cent, Manitoba 3.5 per cent, Ontario 2.8 per cent and Newfoundland and British Columbia each 2.1 per cent.

Firm energy requirements increased 7.6 per cent from 129,339^r million kwh. in 1964 to 139,195 million kwh. in 1965 compared with a growth rate of 6.5 per cent in the previous ten year period and a forecast growth rate of 6.7 per cent for the period 1966-1970. The additional firm energy requirement was supplied by an increase in net generation of 8,891 million kwh. Net exports declined by 657 million kwh. in 1965 and secondary energy delivered within Canada rose by 306 million kwh.

The Annual Electric Power Survey of Capability and Load conducted in March 1966 covers all producers of electric energy in Canada which generate 10 million kwh. or more per annum. There are approximately 150 responding firms in the group, about half of which are utilities and half industrial establishments. The combined group accounts for 99.5 per cent of all generation and all the imports and exports. The utilities group contributes approximately 80 per cent of the generation to the Canada total.

The survey is carried out in co-operation with the Canadian Electrical Association. Area representatives of the Association collect and edit the returns, which are forwarded to the Dominion Bureau of Statistics for final revision, editing and compilation. On May 30, 1966, a meeting of the area representatives was held to discuss the final compilation prior to the publication of the report. The assistance received from the Canadian Electrical Association and its members has been invaluable in all phases of the preparation of this report.

Complete details of the survey will be found in the publication "Annual Electric Power Survey of Capability and Load, Catalogue No. 57-204 which will be published in July.

TABLE 1. Capability and Firm Power Peak Load, in Canada

	Actual						Forecast			
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1970
	thousands of kilowatts									
<u>Capability</u>										
Net generating capability:										
1. Hydro-electric	12,211	18,389	18,651	19,666	19,964	21,214	22,211	22,957	25,277	26,310
2. Steam - Conventional)	(3,773	(3,773	4,596	5,194	5,422	6,354	7,013	8,298	8,980	10,689
3. Nuclear)	(-	(-	-	-	-	-	-	200	200	200
4. Internal combustion)	(1,936	(240	251	236	255	246	252	252	252	252
5. Gas turbine)	(-	(351	371	382	384	460	696	830	830	830
6. Total net generating capability	14,147	22,753	23,869	25,478	26,025	28,274	30,172	32,537	35,539	38,281
Receipts of firm power from:										
7. Other provinces .....	...	...	...	...	...	...	...	...	...	...
8. United States	5	2	4	2	2	-	-	-	-	-
9. Total receipts	5	2	4	2	2	-	-	-	-	-
Deliveries of firm power to:										
10. Other provinces .....	...	...	...	...	...	...	...	...	...	...
11. United States	166	146	121	122	121 ^r	89	91	92	93	95
12. Total deliveries	166	146	121	122	121 ^r	89	91	92	93	95
13. Total net capability (6 + 9 - 12)	13,986	22,609	23,752	25,358	25,906 ^r	28,185	30,081	32,445	35,446	38,186
<u>Peak loads:</u>										
14. Firm power peak load within province	12,472	18,353	18,972	20,755 ^r	22,506	24,205	26,924	28,841	30,689	32,944
15. Indicated shortages	64	-	-	28	13	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	12,536	18,353	18,972	20,783 ^r	22,519	24,205	26,924	28,841	30,689	32,944
17. Firm power peak load on province (12 + 16)	12,702	18,499	19,093	20,905 ^r	22,640 ^r	24,294	27,015	28,933	30,782	33,039
<u>Indicated reserve:</u>										
18. Indicated reserve (13 - 16)	1,450	4,256	4,780	4,575 ^r	3,387 ^r	3,980	3,157	3,604	4,757	5,242
18a Reduction in generating capability due to adverse conditions .....	..	..	..	779	687	570	...	...	...	...

See footnotes at end of Table 13.

	Actual						Forecast			
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1970
	thousands of kilowatts									
<u>Capacity:</u>										
Net generating capacity:										
1. Hydro-electric	207	258	350	444	442	446	447	655	654	729
2. Steam - Conventional)	(40	45	45	45	45	45	45	40	40	40
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-
4. Internal combustion)	(13	14	7	7	11	11	11	11	7	7
5. Gas turbine)	(-	-	-	-	-	-	10	10	10	10
6. Total net generating capacity	223	311	409	496	498	502	513	716	711	786
Receipts of firm power from:										
7. Other provinces	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:										
10. Other provinces	-	13	13	10	8	7	7	7	7	7
11. United States	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	-	13	13	10	8	7	7	7	7	7
13. Total net capacity (6 + 9 - 12)	223	298	396	486	490	495	506	709	704	779
<u>Peak loads:</u>										
14. Firm power peak load within province	206	242	294	349	376	422	482	528	543	569
15. Indicated shortages	1	-	-	28	13	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	207	242	294	377	389	422	482	528	543	569
17. Firm power peak load on province (12 + 16)	207	255	307	387	397	429	489	535	550	576
<u>Indicated reserve:</u>										
18. Indicated reserve (13 - 16)	16	56	102	109	101	73	24	181	161	222
18a. Reduction in generating capacity due to adverse conditions .....	..	..	..	14	12	12	...	...	...	...

See footnotes at end of Table 13.

TABLE 3. Capability and Firm Power Peak Load, in Prince Edward Island

	Actual						Forecast					
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
Capability:	thousands of kilowatts											
Net generating capability:												
1. Hydro-electric	-	-	-	-	-	-	-	-	-	-	-	
2. Steam - Conventional)	(32	32	-	51	51	51	51	51	71	71	71	
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	-	
4. Internal combustion)	(5	5	7	7	7	7	7	7	7	10	10	
5. Gas turbine)	(-	-	-	-	-	-	-	-	-	-	-	
6. Total net generating capability	18	37	37	58	58	58	58	58	78	81	81	
Receipts of firm power from:												
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-	
8. United States	-	-	-	-	-	-	-	-	-	-	-	
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-	
Deliveries of firm power to:												
10. Other provinces	-	-	-	-	-	-	-	-	-	-	-	
11. United States	-	-	-	-	-	-	-	-	-	-	-	
12. Total deliveries	-	-	-	-	-	-	-	-	-	-	-	
13. Total net capability (6 + 9 - 12)	18	37	37	58	58	58	58	58	78	81	81	
Peak loads:												
14. Firm power peak load within provinces	12	24	25	27	31	35	38	42	46	50	55	
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-	
16. Total indicated firm power peak load within province (14 + 15)	12	24	25	27	31	35	38	42	46	50	55	
17. Firm power peak load on province (12 + 16)	12	24	25	27	31	35	38	42	46	50	55	
Indicated reserve:												
18. Indicated reserve (13 - 16)	6	13	12	31	27	23	20	16	32	31	26	
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	-	-	-	...	...	...	...	...

See footnotes at end of Table 13.

TABLE 4. Capacity and Firm Power Peak Load, in Nova Scotia

	Actual							Forecast			
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	thousands of kilowatts										
Capacity:											
Net generating capacity:											
1. Hydro-electric	136	141	141	143	141	141	141	151	162	162	167
2. Steam - Conventional)	(365	378	378	387	383	482	558	558	558	717	717
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	-
4. Internal combustion)	(2	2	2	2	3	3	3	3	3	3	3
5. Gas turbine)	(-	-	-	-	-	-	-	-	-	-	-
6. Total net generating capacity	384	508	521	532	527	626	702	712	723	882	887
Receipts of firm power from:											
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces	2	1	1	1	1	25	-	-	-	-	-
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	2	1	1	1	1	25	-	-	-	-	-
13. Total net capacity (6 + 9 - 12)	382	507	520	531	526	601	702	712	723	882	887
Peak loads:											
14. Firm power peak load within province	278	347	388	411	438 ^r	457	493	513	547	582	615
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	278	347	388	411	438 ^r	457	493	513	547	582	615
17. Firm power peak load on province (12 + 16)	280	348	389	412	439 ^r	482	493	513	547	582	615
Indicated reserve:											
18. Indicated reserve (13 - 16)	104	160	132	120	88 ^r	144	209	199	176	300	272
18a. Reduction in generating capacity due to adverse conditions .....	..	..	..	-	-	-	...	...	...	...	...

See footnotes at end of Table 13.

TABLE 5. Capacity and Firm Power Peak Load, in New Brunswick

	Actual						Forecast			
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1970
	thousands of kilowatts									
<u>Capacity:</u>										
Net generating capacity:										
1. Hydro-electric	112	185	233	224	222	260	261	361	553	555
2. Steam - Conventional )	(	243	240	304	305	310	429	533	636	636
3. Nuclear)	(-	-	-	-	-	-	-	-	-
4. Internal combustion )	(	8	7	7	7	7	7	7	7	7
5. Gas turbine)	(-	-	-	-	-	-	-	-	-
6. Total net generating capacity	256	436	480	535	534	577	697	901	1,093	1,198
Receipts of firm power from:										
7. Other provinces	4	6	6	5	9	33	6	7	7	8
8. United States	-	-	2	2	2	-	-	-	-	-
9. Total receipts	4	6	8	7	11	33	6	7	7	8
Deliveries of firm power to:										
10. Other provinces	-	-	-	-	2	-	-	-	-	-
11. United States	5	22	28	28	31	37	38	38	38	40
12. Total deliveries	5	22	28	28	33	37	38	38	38	40
13. Total net capacity (6 + 9 - 12)	255	420	460	514	512	573	665	870	1,062	1,166
<u>Peak loads:</u>										
14. Firm power peak load within province	235	319	347	401	461 ^F	528	548	597	637	736
15. Indicated shortages	1	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	236	319	347	401	461 ^F	528	548	597	637	736
17. Firm power peak load on province (12 + 16)	241	341	375	429	494 ^F	565	586	635	675	776
<u>Indicated reserve:</u>										
18. Indicated reserve (13 - 16)	19	101	113	113	51 ^F	45	117	273	425	430
18a. Reduction in generating capacity due to adverse conditions .....	..	..	..	-	-	-	...	...	...	...

See footnotes at end of Table 13.

TABLE 6. Capability Firm Power Peak Load, in Quebec

	Actual						Forecast				
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
thousands of kilowatts											
Capacity:											
Net generating capability:											
1. Hydro-electric	5,583	8,628	8,830	9,271	9,453	10,208	10,623	10,848	11,919	12,326	13,136
2. Steam - Conventional)	(	59	41	59	192	361	362	675	702	702	702
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-
4. Internal combustion )	(	15	12	10	15	13	13	13	13	13	13
5. Gas turbine )	(	36	36	36	36	36	36	36	36	36	36
6. Total net generating capability	5,619	8,738	8,919	9,376	9,696	10,618	11,034	11,572	12,670	13,077	13,887
Receipts of firm power from:											
7. Other provinces	1	19	15	12	18	7	7	7	7	7	7
8. United States	5	2	2	-	-	-	-	-	-	-	-
9. Total receipts	6	21	17	12	18	7	7	7	7	7	7
Deliveries of firm power to:											
10. Other provinces	729	696	697	703	717	635	637	645	605	608	278
11. United States	56	38	4	6	-	6	6	6	6	6	6
12. Total deliveries.....	785	734	701	709	717	641	643	651	611	614	284
13. Total net capability (6 + 9 - 12)	4,840	8,025	8,235	8,679	8,997	9,984	10,398	10,928	12,066	12,470	13,610
Peak loads:											
14. Firm power peak load within province	4,367	6,258	6,370	7,118	7,654	8,228	9,430	10,019	10,740	11,494	12,170
15. Indicated shortages	44	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	4,411	6,258	6,370	7,118	7,654	8,228	9,430	10,019	10,740	11,494	12,170
17. Firm power peak load on province (12 + 16)	5,196	6,992	7,071	7,827	8,371	8,869	10,073	10,670	11,351	12,108	12,454
Indicated reserve:											
18. Indicated reserve (13 - 16)	429	1,767	1,865	1,561	1,343	1,756	1,968	909	1,326	976	1,440
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	435	474	510	...	...	...	...	...

See footnotes at end of Table 13.

See footnotes at end of Table 13.

TABLE 7. Capability and Firm Power Peak Load, in Ontario

	Actual						Forecast				
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
thousands of kilowatts											
Capability:											
Net generating capability:											
1. Hydro-electric	3,688	5,292	5,285	5,601	5,603	5,548	5,694	5,859	5,980	6,077	6,077
2. Steam - Conventional)	(1,555	1,926	1,926	2,376	2,379	2,885	3,270	3,591	4,221	5,307	5,850
3. Nuclear)	(-	-	-	-	-	-	-	200	200	200	700
4. Internal combustion)	(11	12	12	12	8	7	9	11	11	11	11
5. Gas turbine)	-	-	-	-	-	74	250	326	326	326	326
b. Total net generating capability	4,488	6,858	7,223	7,989	7,990	8,514	9,223	9,987	10,738	11,921	12,964
Receipts of firm power from:											
7. Other provinces	741	695	692	699	709	627	631	638	598	600	270
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	741	695	692	699	709	627	631	638	598	600	270
Deliveries of firm power to:											
10. Other provinces	1	5	2	2	8	-	-	-	-	-	-
11. United States	85	86	89	88	90 ^r	46	47	48	49	50	51
12. Total deliveries	86	91	91	90	98 ^r	46	47	48	49	50	51
13. Total net capability (6 + 9 - 12)	5,143	7,462	7,824	8,598	8,601 ^r	9,095	9,807	10,577	11,287	12,471	13,183
Peak loads:											
14. Firm power peak load within province	4,757	6,615	6,913	7,410 ^r	7,897	8,596	9,183	9,690	10,204	10,929	11,603
15. Indicated shortages	18	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	4,775	6,615	6,913	7,410 ^r	7,897	8,596	9,183	9,690	10,204	10,929	11,603
17. Firm power peak load on province (12 + 16)	4,861	6,706	7,004	7,500 ^r	7,995 ^r	8,642	9,230	9,738	10,253	10,979	11,654
Indicated reserve:											
18. Indicated reserve (13 - 16)	368	847	911	1,188 ^r	704 ^r	499	624	887	1,083	1,542	1,580
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	321	192	16	...	...	...	...	...

See footnotes at end of Table 13.

See footnotes at end of Table 13.

TABLE 8. Capability and Firm Power Peak Load, in Manitoba

	Actual						Forecast			
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1970
	thousands of kilowatts									
<u>Capability:</u>										
Net generating capability:										
1. Hydro-electric	547	735	735	735	735	1,056	1,061	1,061	1,171	1,171
2. Steam - Conventional)	(	291	291	291	291	291	291	291	361	431
3. Nuclear)	46	(-	-	-	-	-	-	-	-
4. Internal combustion)		4	7	7	8	9	10	10	10	10
5. Gas turbine)		-	-	-	-	-	28	28	28	56
6. Total net generating capability	593	1,030	1,033	1,033	1,034	1,356	1,362	1,390	1,500	1,668
Receipts of firm power from:										
7. Other provinces	79	83	87	134	94	83	86	86	86	86
8. United States	-	-	-	-	-	-	-	-	-	-
9. Total receipts	79	83	87	134	94	83	86	86	86	86
Deliveries of firm power to:										
10. Other provinces	14	-	-	-	-	-	-	-	-	-
11. United States	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	14	-	-	-	-	-	-	-	-	-
13. Total net capability (6 + 9 - 12)	658	1,113	1,120	1,167	1,128	1,439	1,448	1,476	1,586	1,754
<u>Peak loads:</u>										
14. Firm power peak load within province	594	849	907	955	1,004	1,023	1,171	1,272	1,361	1,565
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	594	849	907	955	1,004	1,023	1,171	1,272	1,361	1,565
17. Firm power peak load on province (12 + 16)	608	849	907	955	1,004	1,023	1,171	1,272	1,361	1,565
<u>Indicated reserve:</u>										
18. Indicated reserve (13 - 16)	64	264	213	212	124	416	277	204	225	189
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	-	-	20	...	...	...	...

See footnotes at end of Table 13.

TABLE 9. Capability and Firm Power Peak Load, in Saskatchewan

	Actual						Forecast				
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	thousands of kilowatts										
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	82	107	107	208	309	309	352	395	501	558	558
2. Steam - Conventional)	(572	575	492	529	535	535	535	535	535	676	676
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	-
4. Internal combustion)	(35	37	36	35	35	35	35	33	33	33	33
5. Gas turbine)	(43	33	39	39	41	41	56	86	86	86	131
6. Total net generating capability	339	757	752	775	912	920	978	1,049	1,155	1,353	1,398
Receipts of firm power from:											
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces	79	88	87	134	94	83	86	86	86	86	86
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	79	88	87	134	94	83	86	86	86	86	86
13. Total net capability (6 + 9 - 12)	260	669	665	641	818	837	892	963	1,069	1,267	1,312
<u>Peak loads:</u>											
14. Firm power peak load within province	227	466	497	531	619	685	758	832	918	1,098	1,119
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	227	466	497	531	619	685	758	832	918	1,098	1,119
17. Firm power peak load on province (12 + 16)	306	554	584	665	713	768	844	918	1,004	1,184	1,205
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	33	203	168	110	199	152	134	131	151	169	193
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	7	-	-	...	...	...	...	...

See footnotes at end of Table 13.

TABLE 10. Capability and Firm Power Peak Load, in Alberta

	Actual						Forecast				
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	thousands of kilowatts										
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	220	327	327	326	326	490	680	680	680	680	680
2. Steam - Conventional)		(498	643	713	748	750	822	1,163	1,163	1,313	1,473
3. Nuclear)	238	(-	-	-	-	-	-	-	-	-	-
4. Internal combustion)		(28	33	31	31	24	24	25	25	25	25
5. Gas turbine)		(100	130	130	130	131	156	156	156	156	156
6. Total net generating capability	458	953	1,133	1,200	1,235	1,395	1,682	2,024	2,024	2,174	2,334
Receipts of firm power from:											
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces	3	5	4	10	12	19	14	16	18	21	25
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	3	5	4	10	12	19	14	16	18	21	25
13. Total net capability (6 + 9 - 12)	455	948	1,129	1,190	1,223	1,376	1,668	2,008	2,006	2,153	2,309
<u>Peak loads:</u>											
14. Firm power peak load within province	391	836	882	984	1,106	1,121	1,297	1,475	1,610	1,774	1,928
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	391	836	882	984	1,106	1,121	1,297	1,475	1,610	1,774	1,928
17. Firm power peak load on province (12 + 16)	394	841	886	994	1,118	1,140	1,311	1,491	1,628	1,795	1,953
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	64	112	247	206	117	255	371	533	396	379	381
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	-	-	-	...	...	...	...	...

See footnotes at end of Table 13.

TABLE 11. Capability and Firm Power Peak Load, in British Columbia

	Actual					Forecast				
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969 1970
	thousands of kilowatts									
Capability:										
Net generating capability:										
1. Hydro-electric	1,614	2,672	2,599	2,670	2,689	2,692	2,888	2,894	3,604	4,000
2. Steam - Conventional)	(117	(117	424	475	498	643	649	860	865	865
3. Nuclear)	(-	(-	-	-	-	-	-	-	-	-
4. Internal combustion)	(109	(109	112	106	117	115	121	119	122	119
5. Gas turbine)	(172	(172	172	177	177	177	187	187	187	187
6. Total net generating capability	1,747	3,070	3,307	3,428	3,481	3,627	3,845	4,060	4,778	5,171
Receipts of firm power from:										
7. Other provinces	3	5	4	10	12	19	14	16	18	21
8. United States	-	-	-	-	-	-	-	-	-	25
9. Total receipts	3	5	4	10	12	19	14	16	18	21
Deliveries of firm power to:										
10. Other provinces	-	-	-	-	-	-	-	-	-	-
11. United States	20	-	-	-	-	-	-	-	-	-
12. Total deliveries	20	-	-	-	-	-	-	-	-	-
13. Total net capability (6 + 9 - 12)	1,730	3,075	3,311	3,438	3,493	3,646	3,859	4,076	4,796	5,196
Peak loads:										
14. Firm power peak load within province	1,386	2,368	2,317	2,537	2,886	3,058	3,472	3,822	4,031	4,264
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	1,386	2,368	2,317	2,537	2,886	3,058	3,472	3,822	4,031	4,264
17. Firm power peak load on province (12 + 16)	1,406	2,368	2,317	2,537	2,886	3,058	3,472	3,822	4,031	4,264
Indicated reserve:										
18. Indicated reserve (13 - 16)	344	707	994	901	607	588	387	254	765	928
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	2	9	12	...	...	...	...

See footnotes at end of Table 13.

TABLE 12. Capability and Firm Power Peak Load in Yukon and Northwest Territories

	Actual						Forecast				
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	thousands of kilowatts										
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	22	44	44	44	44	64	64	53	53	53	53
2. Steam - Conventional)		(1	1	1	1	1	1	1	1	1	1
3. Nuclear)	-	(-	-	-	-	-	-	-	-	-	-
4. Internal combustion)		(10	10	11	13	15	12	13	14	14	15
5. Gas turbine)		-	-	-	2	1	1	1	1	1	1
6. Total net generating capability	22	55	55	56	60	81	78	68	69	69	70
Receipts of firm power from:											
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces	-	-	-	-	-	-	-	-	-	-	-
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	-	-	-	-	-	-	-	-	-	-	-
13. Total net capability (6 + 9 - 12)	22	55	55	56	60	81	78	68	69	69	70
Peak loads:											
14. Firm power peak load within province	19	29	32	32	34	52	52	51	52	53	54
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	19	29	32	32	34	52	52	51	52	53	54
17. Firm power peak load on province (12 + 16)	19	29	32	32	34	52	52	51	52	53	54
Indicated reserve:											
18. Indicated reserve (13 - 16)	3	26	23	24	26	29	26	17	17	16	16
18a. Reduction in generating capability due to adverse conditions .....	..	..	..	-	-	-	...	...	...	...	...

See footnotes at end of Table 13.

TABLE 13. Energy Requirements in Canada

	Actual					Forecast					
	1955	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Net generation by:							millions of kilowatt-hours				
Hydro-electric .....	..	103,692	103,695	103,539	113,212	116,738	...	...	...	...	...
Steam - Conventional)		(8,822	12,543	17,111	20,051	25,485	...	...	...	...	...
Nuclear)	..	(-	22	87	141	120	...	...	...	...	...
Internal combustion)		(509	514	593	588	509	...	...	...	...	...
Gas turbine		(248	257	312	282	313	...	...	...	...	...
Total net generation .....	..	113,271	117,031	121,642	134,274	143,165	...	...	...	...	...
Receipts of energy from:											
(a) Firm:											
Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
United States .....	..	8	22	12	6	4	3	3	3	3	3
(b) Secondary:											
Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
United States .....	..	1,392	2,764	2,867	2,971	3,573	...	...	...	...	...
Total receipts of energy .....	..	1,400	2,786	2,879	2,977	3,577	...	...	...	...	...
Deliveries of energy to:											
(a) Firm:											
Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
United States	1,332	1,122	817	858	826 ^r	627	635	648	657	668	675
(b) Secondary:											
Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
United States .....	..	3,058	3,267	2,754	3,392 ^r	2,937	...	...	...	...	...
Total deliveries of energy .....	..	4,180	4,084	3,612	4,218	3,564	...	...	...	...	...
Total energy available .....	..	110,491	115,733	120,909	133,033	143,178	...	...	...	...	...
Secondary energy delivered within Canada .....	..	5,415	4,690	3,655	3,671	3,977	...	...	...	...	...
Firm energy available within Canada	73,748	105,076	111,043	117,254	129,362	139,201	150,473	161,341	171,439	181,938	192,746
Indicated shortage	378	-	-	-	-	-	-	-	-	-	-
Firm energy requirement within Canada	74,126	105,076	111,043	117,254	129,362	139,201	150,473	161,341	171,439	181,938	192,746
Firm energy requirement on Canada	75,458	106,198	111,860	118,112	130,188 ^r	139,828	151,108	161,989	172,096	182,606	193,421
Figures not available. ... Figures not appropriate or not applicable - Nil or zero ^r Revised figures.											

TABLE 14. Firm Energy Requirement within Provinces

Province	1955	1961	1962	1963	1964	1965	Forecast				Percentage change (compounded)			
							1966	1967	1968	1969	1970	1955 1965	1961 1965	1965 1970
	millions of kilowatt-hours													
Newfoundland (including Labrador)	1,299	1,361	1,473	1,878	2,293	2,640	2,815	3,129	3,260	3,331	3,395	7.35	18.02	5.16
Prince Edward Island	51	88	101	111	124	136	154	173	195	217	243	10.31	11.50	12.31
Nova Scotia	1,340	1,775	1,965	2,100	2,301	2,466	2,636	2,791	2,941	3,116	3,296	6.29	8.57	5.97
New Brunswick	1,248	1,782	1,912	2,095	2,410	2,837	2,969	3,457	3,634	3,859	4,121	8.56	12.33	7.76
Quebec	29,841	39,022	40,389	42,103	47,090	49,279	52,714	55,880	59,440	62,706	66,170	5.15	6.01	6.07
Ontario	26,382	37,727	39,631	41,529	44,814	48,509	52,410	55,409	58,427	62,352	66,375	8.04	6.49	6.47
Manitoba	3,122	4,698	5,003	5,445	5,673	5,995	6,356	6,863	7,314	7,743	8,209	6.74	6.29	6.49
Saskatchewan	877	1,855	2,064	2,327	2,658	3,198	3,564	3,960	4,391	4,872	5,408	13.81	14.59	11.08
Alberta	1,859	3,808	4,121	4,519	4,987	5,499	6,058	7,010	7,686	8,392	9,128	11.46	9.62	10.67
British Columbia	8,011	12,807	14,222	14,982	16,849	18,444	20,568	22,450	23,923	25,115	26,157	8.70	9.55	7.24
Yukon and Northwest Territories	96	153	162	165	163	198	229	219	228	235	244	7.51	6.66	4.27
Canada	74,126	105,076	111,043	117,254	129,362	139,201	150,473	161,341	171,439	181,938	192,746	6.50	7.29	6.72

IND-SB-(2)-20

July 13, 1966

PRELIMINARY REVIEW OF CRUDE PETROLEUM AND NATURAL GAS PRODUCTION, YEAR 1965

The production of crude petroleum and equivalent hydrocarbon during 1965 amounted to 324.3 million barrels (including Return to Formation) (888,447 barrels/day), an increase of 8.1 per cent or 66,917 barrels/day over the preceding year. Propane and Butane production amounted to an additional 17.3 million barrels to bring total liquid hydrocarbon production to 341.6 million barrels (935,890 barrels/day).

	Year 1964		Year 1965	
	Millions of barrels	Barrels /day	Millions of barrels	Barrels /day
Crude petroleum and condensates ...	275.4	752,459	297.0	813,698
Pentanes plus	24.5	66,940	27.3	74,795
Propanes and butanes	13.3	36,338	17.3	47,397
Totals	313.2	855,737	341.6	935,890

The disposition of crude and equivalent for the year 1965 was 208.5 million barrels (64.3 per cent) to Canadian refineries and 107.7 million barrels (33.2 per cent) were exported. The difference of 2.5 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for the same period amounted to 144.2 million barrels (395,078 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 352.6 million barrels (965,934 barrels/day).

Natural gas production increased by 9.5 per cent to 1,442,448,070 Mcf. from 1,317,717,600 Mcf. in 1964. The disposition for the year is as follows: 214 million Mcf. were net deliveries to storage and injection operations; 211 million Mcf. were used, lost or unaccounted for in fields and processing plants; 404.7 million Mcf. were exported; 264.3 million Mcf. were sold to ultimate customers in the prairies; 201.5 million in Ontario; 58.1 in British Columbia and 31.2 in Quebec. The remaining 57.8 million Mcf. were accounted for by other deliveries, pipeline fuel and line pack fluctuations.

For convenience, we are including in this bulletin, tables which are a "resumé" of Crude Petroleum and Natural Gas Production catalogue no. 26-006 which will be released shortly.

TABLE 1. Production of Natural Gas by Month, by Province, Year 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan
thousands of Mcf.				
January	12.4	1,470.2	-	3,945.1
February	12.4	1,296.0	-	3,570.1
March	12.4	1,439.7	-	4,006.7
April	9.5	1,225.2	-	3,756.4
May	7.6	994.2	-	3,421.7
June	6.5	888.8	-	2,812.6
July	6.3	625.4	-	2,742.8
August	6.3	755.1	-	3,006.4
September	6.6	796.8	-	3,325.6
October	7.3	822.2	-	3,774.5
November	8.3	752.6	-	3,796.3
December	9.9	1,553.5	-	4,610.6
Totals	105.5	12,619.7	-	42,768.8
thousands of Mcf.				
	Alberta	British Columbia	Northwest Territories	Canada
January	116,876.1	15,189.5	4.5	137,497.8
February	104,243.0	13,444.2	6.1	122,571.8
March	112,583.2	14,335.7	5.3	132,383.0
April	99,466.9	12,441.5	6.1	116,905.6
May	98,700.0	11,416.8	3.5	114,543.8
June	93,149.4	9,778.8	1.0	106,637.1
July	85,848.2	10,232.1	0.8	99,455.6
August	93,477.9	11,417.7	1.3	108,664.7
September	93,363.5	12,753.1	3.1	110,248.7
October	99,970.8	15,205.4	2.4	119,782.6
November	109,727.0	16,019.4	3.6	130,307.2
December	118,420.6	18,850.1	5.3	143,450.0
Totals	1,225,826.6	161,084.3	43.0	1,442,447.9

TABLE 2. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, Year 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
thousands of barrels of 35 Canadian gallons								
Crude oil and condensate								
January	0.3	94.5	398.6	7,102.1	17,860.3	1,005.4	49.7	26,510.9
February	0.3	89.2	357.1	6,382.9	15,527.9	903.5	70.8	23,331.7
March	0.4	110.9	403.1	7,329.3	16,249.3	1,058.5	56.1	25,207.6
April	0.2	113.0	395.9	6,863.4	14,480.3	1,068.1	45.1	22,966.0
May	0.3	114.8	416.3	7,243.2	13,486.2	1,087.8	26.3	22,374.9
June	0.3	106.0	416.7	7,093.8	14,020.7	1,089.0	50.3	22,776.8
July	0.4	108.9	434.6	7,473.5	15,058.8	1,169.7	74.8	24,320.7
August	0.4	103.8	435.2	7,690.2	17,567.2	1,178.2	75.9	27,050.9
September	0.4	106.7	417.2	7,408.0	17,327.7	1,170.6	71.2	26,501.8
October	0.4	109.4	432.0	7,787.3	15,328.3	1,223.9	53.5	24,934.8
November	0.4	107.4	411.0	7,463.2	15,558.7	1,221.4	38.6	24,800.7
December	0.3	114.7	428.8	7,938.3	16,379.1	1,326.4	32.7	26,220.3
Totals	4.1	1,279.3	4,946.5	87,775.2	188,844.5	13,502.5	645.0	296,997.1
Pentanes plus								
January	-	-	-	21.0	2,387.0	87.0	-	2,495.0
February	-	-	-	18.7	2,138.3	83.0	-	2,240.0
March	-	-	-	21.3	2,376.6	91.9	-	2,489.8
April	-	-	-	19.1	2,089.8	81.0	-	2,189.9
May	-	-	-	20.9	2,002.5	74.5	-	2,097.9
June	-	-	-	24.9	2,034.9	71.9	-	2,131.7
July	-	-	-	25.0	2,005.9	71.0	-	2,101.9
August	-	-	-	27.0	2,135.2	68.3	-	2,230.5
September	-	-	-	22.1	1,953.3	71.1	-	2,046.5
October	-	-	-	19.2	2,215.3	79.1	-	2,313.6
November	-	-	-	18.1	2,353.7	73.9	-	2,445.7
December	-	-	-	15.4	2,393.3	94.7	-	2,503.4
Totals	-	-	-	252.7	26,085.8	947.4	-	27,285.9
Propane								
January	-	-	-	54.7	807.5	39.3	-	901.5
February	-	-	-	49.7	748.3	30.2	-	828.2
March	-	-	-	58.7	808.0	30.3	-	897.0
April	-	-	-	53.9	759.2	25.5	-	838.6
May	-	-	-	57.5	662.6	24.9	-	745.0
June	-	-	-	59.9	683.5	24.3	-	767.7
July	-	-	-	56.4	704.9	28.1	-	789.4
August	-	-	-	57.0	756.8	32.1	-	845.9
September	-	-	-	51.0	774.8	31.2	-	857.0
October	-	-	-	55.5	806.6	30.5	-	892.6
November	-	-	-	59.7	891.4	27.7	-	978.8
December	-	-	-	61.7	933.2	34.7	-	1,029.6
Totals	-	-	-	675.7	9,336.8	358.8	-	10,371.3
Butanes								
January	-	-	-	27.1	559.5	41.8	-	628.4
February	-	-	-	24.2	506.4	37.9	-	568.5
March	-	-	-	28.3	533.6	38.3	-	600.2
April	-	-	-	25.4	485.7	33.7	-	544.8
May	-	-	-	28.1	445.5	34.9	-	508.5
June	-	-	-	30.4	459.5	34.2	-	524.1
July	-	-	-	31.4	472.2	36.9	-	540.5
August	-	-	-	31.7	504.2	43.8	-	579.7
September	-	-	-	25.6	484.4	45.0	-	555.0
October	-	-	-	27.7	505.2	40.8	-	573.7
November	-	-	-	29.3	570.3	45.8	-	645.4
December	-	-	-	29.2	614.9	44.9	-	689.0
Totals	-	-	-	338.4	6,141.4	478.0	-	6,957.8
Total year to date	4.1	1,279.3	4,946.5	89,042.0	230,408.5	15,286.7	645.0	341,612.1

TABLE 3. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, 1965/

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil	4,103	1,279,321	4,946,509	87,775,205	188,298,021 ^{1/}	13,470,757	644,998	296,418,914	...	296,418,914
Condensate	-	-	-	-	546,418	31,782	-	578,200	...	578,200
Pentanes plus	-	-	-	252,736	26,085,824	947,429	-	27,285,989	...	27,285,989
Total crude oil and equivalent	4,103	1,279,321	4,946,509	88,027,941	214,930,263	14,449,968	644,998	324,283,103	...	324,283,103
Imports .....	...	...	...	...	...	...	...	...	144,203,609	144,203,609
Total new supply	4,103	1,279,321	4,946,509	88,027,941	214,930,263	14,449,968	644,998	324,283,103	144,203,609	468,486,712
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces	4,103	242	-	-	-	-	-	4,345	37,769,904	37,774,249
Quebec	-	-	-	-	-	-	-	-	105,577,861	105,577,861
Ontario	-	1,279,079	4,430,799	49,987,539	53,659,178	-	-	-	652,891	110,009,486
Manitoba	-	-	661,076	7,922,241	5,811,489	-	-	10 ⁴ ,356,595	-	14,394,806
Saskatchewan	-	-	-	4,552,442	16,766,805	-	-	21,319,247	-	14,394,806
Alberta	-	-	-	664,250	32,727,333	-	-	33,391,583	-	21,319,247
British Columbia	-	-	-	-	-	11,574,008	-	29,449,211	-	33,391,583
Northwest Territories	-	-	-	-	17,875,203	-	649,486	649,486	-	29,449,211
Totals	4,103	1,279,321	5,091,875	63,126,472	126,840,008	11,574,008	649,486	208,565,273	144,000,656	352,565,929
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains	-	-	-	-	49,678,898	2,377,495	-	52,056,393	-	52,056,393
East of Rocky Mountains	-	-	-	-	4,730,897	-	-	4,730,897	-	4,730,897
Great Lakes Area	-	-	-	24,499,310	26,410,233	-	-	50,909,543	-	50,909,543
Totals	-	-	-	24,499,310	80,820,028	2,377,495	-	107,696,833	-	107,696,833
Deliveries to other purchasers ..	-	-	-	14,600	91,201	-	-	105,801	-	105,801
Inventories:										
Opening - Field and plant	-	-	89,124	469,838	965,701	53,705	57,227	1,635,595	-	1,635,595
Transporters'	-	-	13,098	4,831,187	15,002,449	1,084,498	-	20,931,232	198,412	21,129,644
Closing - Field and plant	-	-	79,632	435,481	951,164	81,189	52,441	1,599,907	-	1,599,907
Transporters'	-	-	13,856	5,034,991	16,123,646	1,551,825	-	22,724,318	388,856	23,113,174
Net change	-	-	- 8,734	169,447	1,106,660	494,811	- 4,786	1,757,398	190,444	1,947,842
Pipeline fuel	-	-	-	-	320,005	-	-	320,005	-	320,005
Field and plant use	-	-	-	11,985	4,848,285 ^{1/}	34,384	-	4,894,654	-	4,894,654
Losses and adjustments	-	-	- 136,632	206,127	904,076	- 30,730	298	943,139	12,509	955,648
Total disposition	4,103	1,279,321	4,946,509	88,027,941	214,930,263	14,449,968	644,998	324,283,103	144,203,609	468,486,712

^{1/} Figures not appropriate or not applicable.^{2/} Includes 4,688,770 barrels returned to formation.^{3/} Revisions of previously published data.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
000's barrels of 35 Canadian gallons													
<u>New supply</u>													
Domestic production:													
Crude oil	26,455	23,314	25,165	22,922	22,326	22,727	24,274	27,009	26,438	24,856	24,778	26,155	296,419(1)
Condensate	56	18	43	44	49	50	47	42	64	78	22	65	578
Pentanes plus	2,495	2,240	2,490	2,190	2,098	2,132	2,102	2,230	2,046	2,314	2,446	2,504	27,287
Total crude oil and equivalent	29,006	25,572	27,698	25,156	24,473	24,909	26,423	29,281	28,548	27,248	27,246	28,724	324,284
Imports	11,900	10,830	12,001	10,829	12,900	12,690	12,333	11,742	10,858	12,668	12,957	12,494	144,202
Total new supply	40,906	36,402	39,699	35,985	37,373	37,599	38,756	41,023	39,406	39,916	40,203	41,218	468,486
<u>Disposition</u>													
Deliveries to refineries:													
Atlantic Provinces	3,292	2,997	3,322	2,132	3,074	4,076	3,008	3,641	2,395	3,465	3,418	2,954	37,774
Quebec	8,606	7,832	8,677	8,697	9,633	8,507	9,200	8,055	8,373	8,909	9,503	9,585	105,577
Ontario	9,940	8,593	9,025	8,982	9,071	8,471	9,548	9,892	9,365	8,469	9,054	9,598	110,008
Manitoba	1,313	1,225	1,359	1,198	1,200	1,158	1,000	1,115	1,230	1,199	1,165	1,232	14,394
Saskatchewan	1,940	1,828	1,779	1,296	1,524	1,835	2,010	2,092	1,936	1,348	1,854	1,876	21,318
Alberta	2,994	2,670	2,822	2,181	2,637	2,702	2,922	2,968	2,803	3,013	2,718	2,962	33,392
British Columbia	3,074	2,749	2,607	2,477	1,927	2,330	2,281	2,754	2,740	2,294	2,207	2,010	29,450
Northwest Territories	39	59	45	68	38	50	79	86	80	16	31	62	653
Totals	31,198	27,953	29,636	27,031	29,104	29,129	30,048	30,603	28,922	28,713	29,950	30,279	352,566
Exports to U.S.A.:													
Northwest Area:													
West of Rocky Mountains	4,234	3,814	4,579	4,138	4,454	4,674	4,804	4,603	4,612	3,996	4,538	3,611	52,057
East of Rocky Mountains	412	376	443	399	374	412	366	383	286	374	457	449	4,731
Great Lakes Area	4,330	4,242	4,351	4,048	3,588	3,487	3,727	4,419	4,457	4,727	4,513	5,021	50,910
Totals	8,976	8,432	9,373	8,585	8,416	8,573	8,897	9,405	9,355	9,097	9,508	9,081	107,698
Deliveries to other purchasers ..	18	13	11	7	8	8	7	5	8	7	5	9	106
Inventories:													
Opening - Field and plant	1,636	1,639	1,695	1,585	1,592	1,674	1,686	1,561	1,647	1,605	1,509	1,537	1,636
Transporters'	21,130	21,598	21,360	22,008	22,312	22,111	21,595	21,093	21,556	22,242	23,252	22,599	21,130
Closing - Field and plant	1,639	1,695	1,585	1,592	1,674	1,686	1,561	1,647	1,605	1,509	1,537	1,600	1,600
Transporters'	21,598	21,360	22,008	22,312	22,111	21,595	21,093	21,556	22,242	23,252	22,599	23,113	23,113
Net change	471	- 182	538	311	- 119	- 504	- 627	549	644	914	- 625	577	1,947
Pipeline fuel	38	33	24	25	24	20	17	28	34	25	22	29	319
Field and plant use	23	17	24	16	12	289	371	338	425	1,009	1,311	1,059	4,894(1)
Losses and adjustments	182	136	93	10	- 72	84	43	95	18	151	32	184	956
Total disposition	40,906	36,402	39,699	35,985	37,373	37,599	38,756	41,023	39,406	39,916	40,203	41,218	468,486

... Figures not appropriate or not applicable.
 (1) As of June 1965 includes returned to formation (4,688,770 barrels for the year).
 (2) Revisions of previously published data.

TABLE 5. Supply and Disposition of Natural Gas by Source, Canada, 1965(3)

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	105,359	12,619,867	59,739,391
2	Less field flared and waste	-	-	16,970,490
3	Net new production (1 - 2)	105,359	12,619,867	42,768,901
	<u>Disposition</u>			
4	Field disposition and uses	5,978	-	1,729,569
5	Gathering system disposition and uses	-	-	311,926
6	Processing plant disposition and uses:			
6a	Processing shrinkage	-	-	2,007,488
6b	Other disposition and uses	-	-	2,242,807
7	Field injection and storage:			
7a	Injected and stored	-	-	36,088
7b	Less reproduced	-	-	-
7c	Net field injection and storage (7a - 7b)	-	-	36,088
8	Other uses	-	-	2,641,452
9	Adjustment	-	-	28,135
10	Deliveries of marketable gas	99,381	12,619,867	33,771,436
11	Total disposition	105,359	12,619,867	42,768,901
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants	-	-	21,687,786
12b	Fields	99,381	12,619,867	12,083,650
13	Total (12a + 12b)	99,381	12,619,867	33,771,436
14	Receipts from distributor storage	-	29,627,160	2,927,796
15	Other receipts(1)	-	76	-
16	Total supply of marketable gas (13 + 14 + 15)	99,381	42,247,103	36,699,232
	<u>Disposition</u>			
	Sales:			
17	British Columbia	-	-	-
18	Alberta	-	-	2,679
19	Saskatchewan	-	-	29,573,869
20	Manitoba	-	-	3,966,222
21	Ontario	-	-	-
22	Quebec	-	40,617,395	-
23	New Brunswick	59,678	-	-
24	Total sales (17 to 23 inclusive)	59,678	40,617,395	33,542,770
25	Exports	-	-	-
26	Other deliveries(2)	-	-	-
27	Delivered to distributor storage	-	-	3,227,753
28	Pipeline line pack fluctuation	-	-	14,695
29	Pipeline fuel	107	404,304	885,455
30	Pipeline losses etc.	39,596	1,225,404	- 971,441
31	Total disposition of marketable gas (24 to 30 inclusive)	99,381	42,247,103	36,699,232

- 1) L.P.G. for gas enrichment, peak shaving or temporary supply.
2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.
3) Revisions of previously published data.

TABLE 5. Supply and Disposition of Natural Gas by Source, Canada, 1965(3)

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
1,278,469,418 52,642,839	170,588,242 9,503,946	646,264 603,196	1,522,168,541 79,720,471	- -	1,522,168,541 79,720,471	1 2
1,225,826,579	161,084,296	43,068	1,442,448,070	-	1,442,448,070	3
9,019,841 4,423,400	2,380,335 33,749	- -	13,135,723 4,769,075	- -	13,135,723 4,769,075	4 5
113,505,072 54,157,420	5,932,505 11,170,720	- -	121,445,065 67,570,947	- -	121,445,065 67,570,947	6a 6b
202,218,033 2,824,712	3,163,329 -	- -	205,417,450 2,824,712	- -	205,417,450 2,824,712	7a 7b
199,393,321	3,163,329	-	202,592,738	-	202,592,738	7c
936,793 335,806 844,054,926	- 126,330 138,277,328	43,068 - -	3,621,313 490,271 1,028,822,938	- - -	3,621,313 490,271 1,028,822,938	8 9 10
1,225,826,579	161,084,296	43,068	1,442,448,070	-	1,442,448,070	11
686,697,468 157,357,458	134,107,879 4,169,449	- -	842,493,133 186,329,805	- -	842,493,133 186,329,805	12a 12b
844,054,926	138,277,328	-	1,028,822,938	-	1,028,822,938	13
2,192,793 369,110	- -	- -	34,747,749 369,186	- -	34,747,749 369,186	14 15
846,616,829	138,277,328	-	1,063,939,873	17,745,771	1,081,685,644	16
11,118,293 174,126,252 27,622,301 29,025,243 160,933,263 31,235,155 -	46,990,102 - - - - - -	- - - - - - -	58,108,395 174,128,931 57,196,170 32,991,465 201,550,658 31,235,155 59,678	- 99,076 - - 17,646,695 - -	58,108,395 174,228,007 57,196,170 32,991,465 219,197,353 31,235,155 59,678	17 18 19 20 21 22 23
434,060,507	46,990,102	-	555,270,452	17,745,771	573,016,223	24
318,648,479 2,457,815 42,941,073 341,420 40,343,457 7,824,078	86,060,546 - - 194,192 3,443,711 1,588,777	- - - - - -	404,709,025 2,457,815 46,168,826 550,307 45,077,034 9,706,414	- - - - - -	404,709,025 2,457,815 46,168,826 550,307 45,077,034 9,706,414	25 26 27 28 29 30
846,616,829	138,277,328	-	1,063,939,873	17,745,771	1,081,685,644	31

TABLE 6. Supply and Disposition of Natural Gas by Month, Canada, 1965(3)

No.		Jan.	Feb.	Mar.	Apr.	May
		000's Mcf.				
	<u>A. FIELD AND PROCESSING PLANTS</u>					
	<u>Supply</u>					
1	Gross new production	143,929	128,645	139,265	122,840	120,937
2	Less field flared and waste	6,431	6,073	6,882	5,935	6,393
3	Net new production (1 - 2)	137,498	122,572	132,383	116,905	114,544
	<u>Disposition</u>					
4	Field disposition and uses	1,796	1,050	1,410	1,141	1,103
5	Gathering system disposition and uses	- 347	137	410	766	61
6	Processing plant disposition and uses:					
6a	Processing shrinkage	11,103	9,950	10,931	9,775	9,237
6b	Other disposition and uses	6,306	5,514	5,466	4,644	4,736
7	Field injection and storage:					
7a	Injected and stored	17,830	16,402	16,126	17,812	17,826
7b	Less reproduced	344	254	191	114	106
7c	Net field injection and storage (7a - 7b)	17,486	16,148	15,935	17,698	17,720
8	Other uses	325	280	304	295	291
9	Adjustment	32	23	93	- 831	3,700
10	Deliveries of marketable gas	100,797	89,470	97,834	83,417	77,696
11	Total disposition	137,498	122,572	132,383	116,905	114,544
	<u>B. GAS UTILITIES</u>					
	<u>Supply</u>					
12	Receipts of marketable gas:					
12a	Plants	79,704	71,040	78,364	67,797	63,958
12b	Fields	21,093	18,430	19,470	15,620	13,738
13	Total (12a + 12b)	100,797	89,470	97,834	83,417	77,696
14	Receipts from distributor storage	9,119	8,095	5,954	1,943	43
15	Other receipts(1)	335	150	91	3	3
15a	Imports	135	315	207	1,168	1,644
16	Total supply of marketable gas (13 + 14 + 15)	110,386	98,030	104,086	86,531	79,386
	<u>Disposition</u>					
	Sales:					
17	British Columbia	6,366	5,175	5,018	4,842	3,577
18	Alberta	22,306	18,888	18,574	16,060	12,067
19	Saskatchewan	6,894	6,367	5,770	5,298	4,936
20	Manitoba	4,551	4,410	4,074	3,373	1,910
21	Ontario	24,120	24,530	24,193	23,340	16,088
22	Quebec	3,178	2,936	2,969	2,568	1,908
23	New Brunswick	6	6	6	6	5
24	Total sales (17 to 23 inclusive)	67,421	62,312	60,604	55,487	40,491
25	Exports	36,600	33,846	37,040	31,942	31,144
26	Other deliveries(2)	247	213	208	177	165
27	Delivered to distributor storage	494	502	638	1,751	8,470
28	Pipeline line pack fluctuation	43	256	35	18	- 176
29	Pipeline fuel	4,222	3,438	4,435	3,813	3,672
30	Pipeline losses etc.	1,359	- 2,537	1,126	- 6,657	4,380
31	Total disposition of marketable gas (24 to 30 inclusive)	110,386	98,030	104,086	86,531	79,386

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

(3) Revisions of previously published data.

TABLE 6. Supply and Disposition of Natural Gas by Month, Canada, 1965(3) - Concluded

	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	No.
									No.
000' s Mcf.									
	113,006 6,369	106,754 7,298	115,903 7,238	117,497 7,248	126,987 7,204	136,321 6,014	150,086 6,636	1,522,170 79,721	1 2
	106,637	99,456	108,665	110,249	119,783	130,307	143,450	1,442,449	3
	512 252	1,441 162	861 542	756 316	745 567	1,253 1,046	1,068 858	13,136 4,770	4 5
	9,496 4,865	9,344 5,200	10,082 5,293	9,512 5,199	10,149 6,101	10,601 7,020	11,265 7,226	121,445 67,570	6a 6b
	16,939 72	18,142 110	17,812 156	14,602 337	16,739 339	17,052 348	18,135 453	205,417 2,824	7a 7b
	16,867	18,032	17,656	14,265	16,400	16,704	17,682	202,593	7c
	260 2,308 72,077	293 - 4,967 69,951	281 22 73,928	286 271 79,644	295 91 85,435	348 - 1,668 95,003	363 1,417 103,571	3,621 491 1,028,823	8 9 10
	106,637	99,456	108,665	110,249	119,783	130,307	143,450	1,442,449	11
	60,425 11,652	60,084 9,867	63,424 10,504	67,953 11,691	71,702 13,733	75,972 19,031	82,059 21,512	842,482 186,341	12a 12b
	72,077	69,951	73,928	79,644	85,435	95,003	103,571	1,028,823	13
	120 1 1,289	48 1 1,395	61 1 1,388	139 1 1,564	1,218 2 1,241	3,564 5 3,545	4,219 2 3,852	34,523 595 17,743	14 15 15a
	73,487	71,395	75,378	81,348	87,896	102,117	111,644	1,081,684	16
	3,281 10,088 3,687 1,515 12,749 2,242 4	3,134 8,986 2,932 857 10,684 2,147 4	3,427 8,780 2,564 863 10,980 2,164 4	4,444 10,874 2,969 1,866 12,719 2,440 4	5,371 13,102 4,309 2,254 15,998 2,539 4	5,956 15,680 4,781 3,045 20,103 3,009 5	7,518 18,823 6,689 4,273 23,693 3,136 6	58,109 174,228 57,196 32,991 219,197 31,236 60	17 18 19 20 21 22 23
	33,566	28,744	28,782	35,316	43,577	52,579	64,138	573,017	24
	32,546 189 6,447 - 315 2,986 - 1,932	30,910 169 9,021 - 45 3,237 - 641	32,083 185 8,735 86 3,389 2,118	31,295 193 5,834 274 3,373 5,063	34,233 200 2,714 114 3,792 3,266	35,554 247 869 304 4,065 8,499	37,514 264 693 - 45 4,657 4,423	404,707 2,457 46,168 549 45,079 9,707	25 26 27 28 29 30
	73,487	71,395	75,378	81,348	87,896	102,117	111,644	1,081,684	31

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	675,688	9,336,792	358,776	...	10,371,256
Opening inventory	182,302	186,046	6,827	...	375,175
Interprovincial movements:									
Receipts from:									
Saskatchewan	-	-	504	201,185	...	-	-	-	201,689
Alberta	-	440,232	850,505	556,596	691,893	...	403,250	970	2,943,446
British Columbia	-	-	353	-	-	11,082	...	8,214	19,649
Deliveries	- 201,689	- 2,943,446	- 19,649	...	- 3,164,784
Total supply	-	440,232	851,362	757,781	1,348,194	6,590,474	749,204	9,184	10,746,431
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	1,286,563	...	...	1,286,563
Distributor and other	-	440,232	851,362	757,781	674,517	1,699,257	540,618	9,184	4,972,951
Sub-total	-	440,232	851,362	757,781	674,517	2,985,820	540,618	9,184	6,259,514
Refinery raw material	-	-	-	-	-	-	61,424	-	61,424
Exports:									
U.S.A. Petroleum Administration:									
District II	578,282	1,333,690	-	...	1,911,972
IV	-	261,979	-	...	261,979
V	-	678,635	3,264	...	681,899
Other	-	55,475	20,428	...	75,903
Miscellaneous:									
Miscible flood	533,217	...	...	533,217
Gas enrichment	100,740	...	...	100,740
Losses and adjustments	-	-	-	-	34,979	- 65,817	41,791	-	10,953
Plant uses	7,027	107,364	72,047	...	186,438
Returned to formation	202,646	...	...	202,646
Closing inventory	53,389	396,725	9,632	...	459,746
Total disposition	-	440,232	851,362	757,781	1,348,194	6,590,474	749,204	9,184	10,746,431

... Figures not appropriate or not applicable.
(1) Revisions of previously published data.

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	338,398	6,141,445	477,990	...	6,957,833
Opening inventory	24,884	224,137	5,152	...	254,173
Interprovincial movements:									
Receipts from:									
Saskatchewan	-	-	-	-	...	-	-	-	-
Alberta	-	-	527,951	95,214	199,951	...	95,422	-	918,538
British Columbia	-	-	-	-	-	1,455	...	-	1,455
Deliveries	-	- 918,538	- 1,455	...	- 919,993
Total supply	-	-	527,951	95,214	563,233	5,448,499	577,109	-	7,212,006
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	103,184	...	...	119,257	...	...	119,257
Distributor and other	-	-	-	-	723	-	118,102	-	222,009
Sub-total	-	-	103,184	-	723	119,257	118,102	-	341,266
Refinery raw material	-	-	416,605	90,830	2,266	630,090	274,262	-	1,414,053
Exports:									
U.S.A. Petroleum Administration:									
District II	412,822	1,393,399	-	...	1,806,221
IV	-	219,834	-	...	219,834
V	-	2,188,191	13,204	...	2,201,395
Other	-	31,209	16,999	...	48,208
Miscellaneous:									
Miscible flood	9,229	...	...	9,229
Gas enrichment	29,194	...	...	29,194
Losses and adjustments	-	-	8,162	4,384	7,564	108,464	57,378	-	185,952
Plant uses	-	339,284	89,494	...	428,778
Returned to formation	30,328	...	...	30,328
Closing inventory	139,858	350,020	7,670	...	497,548
Total disposition	-	-	527,951	95,214	563,233	5,448,499	577,109	-	7,212,006

... Figures not appropriate or not applicable.
(1) Revisions of previously published data.



IND-SB-(2)-21

July 14, 1966

PRELIMINARY REVIEW OF THE COAL MINING INDUSTRY, 1965

Production of coal in Canada in 1965 amounted to 11,588,616 tons, 2.3 per cent more than the total of 11,319,323 tons produced in 1964. The increase was due mainly to a 21 per cent increase in the production of Alberta sub-bituminous coal which amounted to 2,554,752 tons in 1965. This, combined with a 3.5 per cent increase in Saskatchewan lignite production more than offset the decrease in production of bituminous coal in Nova Scotia, New Brunswick, Alberta and British Columbia. The most notable declines in production were 158,969 tons (down 3.7 per cent) in Nova Scotia and 78,965 tons (down 7.5 per cent) in British Columbia. Bituminous coal accounted for 60.1 per cent of the 1965 production with Alberta sub-bituminous and Saskatchewan lignite accounting for 22.1 per cent and 17.8 per cent respectively.

The value of sales, f.o.b. mines and excluding subvention assistance payments was \$75,901,126 in 1965, up 4.3 per cent from the previous year. Salaries and wages accounted for slightly more than half the value of sales. The value of sales of bituminous coal ranged from a low of \$6.72 per ton in Alberta through \$7.12 per ton in British Columbia, \$8.98 per ton in New Brunswick to a high of \$11.00 per ton in Nova Scotia. Increases in 1965 unit value of sales of bituminous coal over comparable 1964 figures were \$0.08 in Alberta, \$0.55 in New Brunswick, \$1.02 in Nova Scotia and \$1.15 in British Columbia. Value of sales of Alberta sub-bituminous coal averaged \$3.58 per ton, down \$0.18 from 1964 while the average value of sales of Saskatchewan lignite dropped \$0.16 per ton to \$1.80.

Exports of Canadian coal decreased 5.1 per cent to 1,225,994 tons in 1965 while value of exports rose 5.8 per cent to \$12,671,785. Eighty-three per cent of the exported coal was shipped to Japan.

Landed imports (which include coal at customs' ports awaiting clearance) amounted to 16,269,733 tons in 1965, an increase of 10.4 per cent over 1964. Approximately 90 per cent of the imported coal was cleared through Ontario ports with Quebec

accounting for most of the remainder. Ninety six per cent of the imported coal was United States bituminous.

Sales of coal and coke by retail fuel dealers dropped from 2,699,415 tons in 1964 to 2,087,369 tons, a decrease of 22.6 per cent. Part of this decrease is attributable to the fact that a large number of the smaller dealers were not required to report in the 1965 survey. It is estimated that these dealers' sales were between 100,000 and 150,000 tons.

Consumption of coal by industrial consumers increased 12.2 per cent to 15,523,982 tons in 1965 from 13,835,963 tons the previous year. There was a slight increase in the consumption of coke by industrial consumers from 5,340,577 tons in 1964 to 5,460,590 tons in 1965.

Stocks of coal and coke by retail fuel dealers declined from 566,682 tons in 1964 to 461,406 tons in 1965. However, stocks of coal by industrial consumers increased from 4,480,556 tons to 5,045,361 tons during the same period. Coke stocks by industrial consumers dropped from 318,751 tons to 291,404 tons. Total stocks of coal in Canada rose approximately 710,000 tons during the year to about 9,200,000 tons as at December 31, 1965. Stocks of coke remained virtually unchanged at 340,000 tons.

In 1965 there were 5,902,859 tons of bituminous coal charged to ovens to manufacture 4,368,791 tons of coke compared with 5,866,828 tons of coal used to make 4,342,982 tons of coke in 1964. Ninety one per cent of the coal used to manufacture coke was imported bituminous.

A total of 9,076 employees worked 2,233,447 man days for wages and salaries of \$39,149,842 in 1965. Approximately two-thirds of the employees' wages and salaries were accounted for by Nova Scotia.

More detail will be contained in "The Coal Mining Industry" publication, Catalogue 26-206 which will be released shortly.

TABLE 1. Principal Statistics for the Coal Mining Industry 1964 and 1965

	Number of mines	Average number of employees	Salaries and wages	Cost of fuel and electricity at mines	Cost of process supplies at mines	Value at mines	Production of coal
							short tons
						dollars	
Nova Scotia	12	6,277	26,287,969	1,911,102	10,482,419	45,486,833	4,134,161
New Brunswick	18(1)	824	3,338,459	694,294	2,077,519	8,637,619	996,328
Saskatchewan	4	201	1,037,123	181,572	639,460	3,715,385	2,063,933
Alberta	44	1,186	5,732,620	685,651	2,133,745	12,173,846	3,413,928
British Columbia	7	579	2,711,641	313,436	800,968	5,801,817	971,465
Yukon	1	9	42,030	6,332	24,550	85,626	8,801
Canada	86	9,076	39,149,842	3,792,387	16,158,661	75,901,126	11,588,616
Canada 1964	94	9,087	37,534,802	3,821,027	13,950,176	72,735,085	11,319,323

(1) Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 2. Production of Coal, by Kinds and by Provinces, 1964 and 1965

Province and kind of coal	1964			1965		
	Number of mines	Short tons	Value at mines \$	Number of mines	Short tons	Value at mines \$
Nova Scotia - Bituminous	13	4,293,130	42,827,589	12	4,134,161	45,486,833
New Brunswick - Bituminous	18(1)	1,003,362	8,454,869	18(1)	996,328	8,637,619
Saskatchewan - Lignite	4	1,994,039	3,905,202	4	2,063,933	3,715,385
Alberta:						
Bituminous	5	866,221	5,751,602	6	859,176	5,771,661
Sub-bituminous	45	2,104,912	5,431,231	38	2,554,752	6,402,185
Totals	50	2,971,133	11,182,833	44	3,413,928	12,173,846
British Columbia - Bituminous	8	1,050,430	6,266,442	7	971,465	5,801,817
Yukon - Bituminous	1	7,229	98,150	1	8,801	85,626
Canada:						
Bituminous	45	7,220,372	63,398,652	44	6,969,931	65,783,556
Sub-bituminous	45	2,104,912	5,431,231	38	2,554,752	6,402,185
Lignite	4	1,994,039	3,905,202	4	2,063,933	3,715,385
Totals	94	11,319,323	72,735,085	86	11,588,616	75,901,126

(1) Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 3. Summary of Coal Statistics for 1965 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, by Provinces and by Kinds

Province	Canadian coal				Imported coal	
	Production	Received from mines in other provinces	Mine shipments		From U.S.A.	From Great Britain
			To other provinces	For export		
				short tons		
Newfoundland:						
Anthracite .....	-	-	...	...	1,805	-
Bituminous	-	67,002	...	...	17,735	-
Totals	-	67,002	...	...	19,540	-
Prince Edward Island:						
Anthracite .....	-	-	...	...	-	-
Bituminous	-	26,160	...	...	-	-
Totals	-	26,160	...	...	-	-
Nova Scotia:						
Anthracite	-	-	-	-	-	-
Bituminous	4,134,161	1,017	2,302,896	4,751	241,015	-
Totals	4,134,161	1,017	2,302,896	4,751	241,015	-
New Brunswick:						
Anthracite	-	-	-	-	-	-
Bituminous	996,328	210,034	53,732	30,456	-	-
Totals	996,328	210,034	53,732	30,456	-	-
Quebec:						
Anthracite .....	-	-	...	...	297,515	5,045
Bituminous	-	1,388,854	...	...	878,209	-
Sub-bituminous	-	85	...	...	-	-
Totals	-	1,388,939	...	...	1,175,724	5,045
Ontario:(2)						
Anthracite	-	-	...	-	318,880	-
Bituminous	-	719,470	...	458	14,506,339	-
Sub-bituminous	-	5,541	...	-	-	-
Lignite	-	178,830	...	-	-	-
Totals	-	903,841	...	458	14,825,219	-
Manitoba:						
Anthracite	-	-	...	-	52	-
Bituminous	-	124,597	...	749	2,885	-
Sub-bituminous	-	128,679	...	-	-	-
Lignite	-	628,814	...	-	-	-
Totals	-	882,090	...	749	2,937	-

See footnotes at end of table.

TABLE 3. Summary of Coal Statistics for 1965 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, by Provinces and by Kinds - Concluded

Province	Canadian coal				Imported coal	
	Production	Received from mines in other provinces	Mine shipments		From U.S.A.	From Great Britain
			To other provinces	For export		
	short tons					
Saskatchewan:						
Anthracite	-	-	-	-	-	-
Bituminous	-	709	-	-	-	-
Sub-bituminous	-	388,569	-	-	-	-
Lignite	2,063,933	-	807,644	7,234	-	-
Totals	2,063,933	389,278	807,644	7,234	-	-
Alberta:						
Anthracite	-	-	-	-	-	-
Bituminous	859,176	191	173,217	628,924	-	-
Sub-bituminous	2,554,752	-	654,619	-	-	-
Lignite	-	-	-	-	-	-
Totals	3,413,928	191	827,836	628,924	-	-
British Columbia:						
Anthracite	-	-	-	-	213	-
Bituminous	971,465	144,616	152,805	403,689	40	-
Sub-bituminous	-	131,745	-	-	-	-
Lignite	-	-	-	-	-	-
Totals	971,465	276,361	152,805	403,689	253	-
Yukon:						
Anthracite	-	-	-	-	-	-
Bituminous	8,801	-	-	-	-	-
Sub-bituminous	-	-	-	-	-	-
Lignite	-	-	-	-	-	-
Totals	8,801	-	-	-	-	-
Canada:						
Anthracite	-	-	-	-	618,465	5,045
Bituminous	6,969,931	2,682,650	2,682,650	1,069,027	15,646,223	-
Sub-bituminous	2,554,752	654,619	654,619	-	-	-
Lignite	2,063,933	807,644	807,644	7,234	-	-
Totals	11,588,616	4,144,913	4,144,913	1,076,261	16,264,688	5,045

(1) Direct imports into each province.

(2) Includes Head of Lakes.

Note: In addition to the above, 7,600 tons of briquettes were imported from the United States.

TABLE 4. Employees, Salaries and Wages in Coal Mines, by Provinces, 1964 and 1965

Province	Number of man-days worked			Average number of employees			Salaries and wages			
	Surface	Under-ground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
	number							dollars		
1964										
Nova Scotia	214,223	1,311,900	1,526,123	425	641	5,151	6,217	1,982,750	23,254,661	25,237,411
New Brunswick	163,398	67,047	230,445	57	500	279	836	241,407	3,053,778	3,295,185
Saskatchewan	44,294	-	44,294	32	161	-	193	157,608	772,455	930,063
Alberta	154,681	130,918	285,599	171	489	534	1,194	705,987	4,525,744	5,231,731
British Columbia	42,793	98,799	141,592	65	161	412	638	379,925	2,412,023	2,791,948
Yukon	575	1,748	2,323	1	1	7	9	7,425	41,039	48,464
Canada	619,964	1,610,412	2,230,376	751	1,953	6,383	9,087	3,475,102	34,059,700	37,534,802
1965										
Nova Scotia	205,994	1,332,234	1,538,228	418	610	5,249	6,277	2,188,882	24,099,087	26,287,969
New Brunswick	164,870	62,472	227,342	62	510	252	824	276,588	3,061,871	3,338,459
Saskatchewan	47,139	-	47,139	32	169	-	201	199,922	837,201	1,037,123
Alberta	165,592	123,897	289,489	160	539	487	1,186	817,253	4,915,367	5,732,620
British Columbia	47,235	81,633	128,868	69	164	346	579	413,425	2,298,216	2,711,641
Yukon	699	1,682	2,381	1	2	6	9	7,800	34,230	42,030
Canada	631,529	1,601,918	2,233,447	742	1,994	6,340	9,076	3,903,870	35,245,972	39,149,842

Note: Data for 1964 and 1965 are preliminary.

Note: Data on administrative and office employees and their earnings refer only to those employed at the mines.

TABLE 5. Supply and Demand of Coal for years 1955-65

No.		1955	1956	1957	1958
		short tons			
	Supply				
	Domestic production:				
1	Bituminous	10,184,857	10,309,587	9,050,742	7,748,289
2	Sub-bituminous	2,340,207	2,264,382	1,889,601	1,685,645
3	Lignite	2,293,816	2,341,641	2,248,812	2,253,176
4	Totals	14,818,880	14,915,610	13,189,155	11,687,110
	Landed imports:				
5	Anthracite	2,544,574	2,519,996	1,897,790	1,494,702
6	Bituminous	16,827,931	20,481,329	18,039,143	11,831,203
7	Totals	19,372,505	23,001,325	19,936,933	13,325,905
8	Total inventory change(1)	- 1,593,964	+ 1,486,784	+ 1,122,544	- 1,631,013
9	Total coal available	35,785,349	36,430,151	32,003,544	26,644,028
	Demand				
	Industrial consumption:				
10	Electric utilities	1,339,502	1,595,185	1,981,877	1,654,936
11	Mining .....	..	364,588	314,462	352,612
12	Manufacturing .....	..	10,683,152	10,474,492	9,262,639
13	Totals	11,686,061(2,3)	12,642,925	12,770,831	11,270,187
14	Retail sales	8,058,646	7,883,992	6,891,857	5,908,868
15	Railways for own consumption	6,393,586	6,541,316	4,075,096	2,032,979
16	Ship's bunker for own consumption	501,412	474,566	494,104	383,241
17	Government and institutional consumption	245,000	256,000	245,000	253,000
18	Totals	15,198,644	15,155,874	11,706,057	8,578,088
	Coal mine disposition:				
19	Used in colliery boilers, shops, railway	262,760	245,939	210,451	160,246
20	Sold to employees	178,524	174,576	164,490	145,472
21	Sold direct to domestic consumers (less employees)	959,346	676,823	774,963	688,562
22	Total disposition mines	1,400,630	1,097,338	1,149,904	994,280
	Exports:				
23	United Kingdom	233,770	240,137	-	-
24	United States	336,759	339,654	350,819	321,744
25	Japan	-	-	29,976	5,240
26	St. Pierre	10,656	10,086	15,311	11,393
27	Other	11,597	4,289	205	167
28	Totals	592,782	594,166	396,311	338,544
29	Coal used for manufacture of coke(4)	5,475,418	5,928,498	5,720,325	4,788,958
30	Loss	379,240	414,061	228,549	60,754
31	Total reported consumption	34,732,775	35,832,862	31,971,977	26,030,811
32	Unaccounted for	1,052,574	597,289	31,567	613,217
33	Total demand	35,785,349	36,430,151	32,003,544	26,644,028

(1) Includes docks.

(2) Only dollar volume for coal purchases was reported in 1955 in mining and manufacturing.

TABLE 5. Supply and Demand of Coal for years 1955-65

1959	1960	1961	1962	1963	1964	1965	No.
short tons							
6,945,459	7,299,764	6,827,253	6,531,292	7,047,845	7,220,372	6,969,931	1
1,733,883	1,540,577	1,361,600	1,497,171	1,654,293	2,104,912	2,554,752	2
1,947,380	2,170,797	2,208,851	2,256,306	1,873,556	1,994,039	2,063,933	3
10,626,722	11,011,138	10,397,704	10,284,769	10,575,694	11,319,323	11,588,616	4
1,456,366	1,199,809	985,217	851,668	807,375	626,979	623,510	5
12,147,655	11,090,245	11,147,232	11,469,709	13,933,073	14,111,563	15,646,223	6
13,604,021	12,290,054	12,132,449	12,321,377	14,740,448	14,738,542	16,269,733	7
- 1,066,993	- 267,102	- 265,166	- 775,148	+ 363,672	- 65,008 ^r	+ 708,298	8
25,297,736	23,568,294	22,795,319	23,381,294	24,952,470	26,122,873 ^r	27,150,051	9
1,419,122	1,846,149	2,253,398	3,725,005	5,150,179	6,264,520	..	10
355,095	310,579	236,215	195,803	..	..	..	11
8,439,373	7,953,217	7,452,013	6,778,062	..	..	..	12
10,213,590	10,109,945	9,941,626	10,698,870 ^r	12,433,888(3)	13,835,963(3)	15,523,982(3)	13
5,611,251	4,615,323	4,026,780	3,540,615	3,087,777	2,627,714	2,062,186	14
1,197,406	655,418	476,752	386,834	324,513	283,418 ^r	223,000	15
306,516	306,494	252,111	246,524	261,369	317,780	343,119	16
295,000	307,000	320,000	279,000	231,000	203,000	183,000	17
7,410,173	5,884,235	5,075,643	4,452,973	3,904,659	3,431,912 ^r	2,811,305	18
124,249	102,219	66,589	47,262	52,257	53,222	50,289	19
141,899	122,230	125,329	124,038	117,189	119,214	118,147	20
709,369	635,740	697,554	654,480	615,187 ^r	618,003 ^r	633,375	21
975,517	860,189	889,472	825,780	784,633 ^r	790,439 ^r	801,811	22
-	6,632	-	50	-	-	-	23
273,912	241,892	249,504	250,328	274,759	303,028	198,020	24
190,722	604,397	685,263	639,040	772,470	984,846	1,023,134	25
9,134	-	4,569	4,501	7,138	3,790	4,825	26
-	-	-	-	-	-	15	27
473,768	852,921	939,336	893,919	1,054,367	1,291,664	1,225,994	28
5,654,781	5,288,217	5,330,542	5,452,320	5,842,253	6,023,035	6,058,470	29
112,751	234,781	62,411	68,738	123,743	100,012	88,574	30
24,840,580	23,230,288	22,239,030	22,392,600	24,143,543 ^r	25,473,025 ^r	26,510,136	31
457,156	338,006	556,289	988,694 ^r	808,927 ^r	649,848 ^r	639,915	32
25,297,736	23,568,294	22,795,319	23,381,294	24,952,470	26,122,873 ^r	27,150,051	33

(3) Total as reported by industrial consumers.

(4) Charged to ovens plus incidental coke plant consumption.

^r Revised figures.

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C O N T E N T S

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1. Preliminary Electric Energy Statistics - June 1966

Net generation of electric energy in Canada increased 13.8 per cent to 12,254,416 thousand Kwh in June 1966 from 10,770,808^r thousand Kwh in June 1965. All of the increased generation occurred in hydro-electric plants. There was a decrease of 8.3 per cent in the output from thermal plants. During the first six months of 1966, net generation amounted to 77,820,931 thousand Kwh, up 11 per cent from the corresponding period in 1965. Hydro-electric generation in the January-June period increased 13.7 per cent while generation from thermal plants decreased 0.4 per cent.

June 1966 imports decreased 45 per cent from the same month last year while exports increased 25 per cent during the same period. Totals for the first six months of 1966 compared with the same period in 1965 show that imports are 33 per cent lower and exports 8 per cent higher.

^r Revised figure.

Net generation during the twelve month period ending June 30, 1966 amounted to 150,910,608 thousand Kwh compared with 149,427,000^r thousand Kwh for the period ending in May.

Full details will be contained in the June issue "Electric Power Statistics", catalogue number 57-001 which will be issued shortly.

Preliminary Electric Energy Statistics
(thousand Kwh.)

	April		
	1964	1965	1966
Net generation:			
Hydro	9,244,576	8,924,146 ^r	10,559,991
Thermal	1,207,049	1,846,662 ^r	1,694,425
Total net generation	10,451,625	10,770,808 ^r	12,254,416
Energy imported from U.S.A.	268,675	405,609	223,435
Energy exported to U.S.A.:			
Firm	69,728	48,304	48,944
Secondary	196,215	230,614	300,696
Total exported to U.S.A.	265,943	278,918	349,640
Net energy used in Canada	10,454,357	10,897,499 ^r	12,128,211
Secondary energy used in Canada	299,248	145,147 ^r	194,522
Firm energy used in Canada	10,155,109	10,752,352 ^r	11,933,689

^r Revised figures.

2. Oil and Natural Gas Pipe Line and Gas Distribution Companies, Quarterly Statistics

During the first three months of 1966 operating revenues of oil pipe line transport companies increased 6.1 per cent to \$38.3 million from \$36.1 million during the corresponding period of 1965. After all deductions, income was \$12.2 million, up 20.8 per cent from \$10.1 million. Assets as at March 31 totalled \$551.6 million compared with the previous year's \$536.1 million, up 2.9 per cent.

Operating revenues for the gas pipe line transport companies totalled \$67.4 million, up 12.1 per cent from \$60.1 million in 1965. Net income after taxes amounted to \$8.0 million, an increase of 8.1 per cent from the \$7.4 million in the previous year. Their assets were valued at \$1,066.9 million up approximately \$20 million.

Privately operated natural gas distribution companies which account for approximately 80 per cent of all distributor revenues had operating revenues of \$124.6 million compared with \$99.6 million one year ago. Net income after taxes increased 37.6 per cent to \$23.8 from \$17.3 million. Total assets at \$1,016.2 million was 7.6 per cent greater than the previous \$944.8 million.

Fixed assets of oil pipe line and natural gas utilities privately operated companies totalled \$2,160.5 million, up \$69.9 million from March 31, 1965.

Oil Pipe Line Transport Quarterly Statement

For Three Months Ending March 31, 1965-66

Preliminary Operating and Expense Account

	1965	1966
	\$000,000	
Total operating revenues	36.1	38.3
Total operating expenses	7.7	8.7
Net revenue from operations	28.4	29.6
Other income:		
From affiliated companies	0.5	1.6
Other	0.7	0.9
	1.2	2.5
Total revenue	29.6	32.1
Fixed charges:		
Depreciation	5.5	5.7
Interest on long term debt	3.3	3.5
Other interest	0.1	0.1
Other	0.6	0.5
	9.5	9.8
Net income before taxes	20.1	22.3
Provision for income taxes	10.0	10.1
Net income after taxes	10.1	12.2

Oil Pipe Line Transport

Quarterly Statement

Assets, Liabilities and Net Worth as at March 31

	1965	1966
	\$000,000	
<u>Assets</u>		
Current assets:		
Cash	28.8	33.6
Accounts receivable less provision for doubtful accounts	17.6	19.0
Oil inventory, materials and supplies	3.4	3.1
Prepaid expenses and other current assets ...	0.8	1.2
	50.6	56.9
Investments	72.4	68.2
Fixed assets	593.8	628.3
Less depreciation and amortization	186.2	207.2
Net fixed assets	407.6	421.1
Operating oil supply	2.7	2.8
	410.3	423.9
Deferred charges	2.8	2.6
Total assets	536.1	551.6
<u>Liabilities and net worth</u>		
Current liabilities:		
Short term loans	16.5	10.0
Accounts payable	30.1	27.4
Long term debt due within one year less long term debt owned	18.9	19.1
Other current liabilities	0.2	0.4
	65.7	56.9
Long term debt	268.7	274.0
Deferred income and reserves	42.5	45.1
Capital stock and surplus:		
Preferred	6.1	6.0
Common	72.7	73.1
Contributed surplus	21.9	22.3
Retained earnings	58.5	74.2
	159.2	175.6
Total liabilities and net worth	536.1	551.6

Natural Gas Pipe Line Transport

Quarterly Statement

For Three Months Ending March 31, 1965-66

Preliminary Operating Revenue and Expense Account

	1965	1966
	\$000,000	
Total operating revenues	60.1	67.4
Total operating expenses	35.2	40.8
Net revenue from operations	24.9	26.6
Other income	0.6	0.5
Other deductions:		
Depreciation	6.9	7.0
Other	0.9	1.0
	7.8	8.0
Fixed charges:		
Interest on long term debt	9.8	10.7
Other	0.5	0.4
	10.3	11.1
Net income before taxes	7.4	8.0
Provision for income taxes	-	-
Net income after taxes	7.4	8.0

Natural Gas Pipe Line Transport

Quarterly Statement

Assets, Liabilities and Net Worth as at March 31

	1965	1966
	\$000,000	
<u>Assets</u>		
Current assets:		
Cash	24.2	26.7
Accounts receivable less provision for doubtful accounts	19.6	23.6
Materials and supplies - gas	4.3	4.4
Gas stored underground available for sale and transmission line pack gas	1.0	1.1
Other current assets	0.4	0.7
	49.5	56.5
Investments	42.5	40.5
Fixed assets	1,054.8	1,097.0
Less depreciation and amortization	118.3	146.2
Net fixed assets	936.5	950.8
Deferred debits	18.2	19.1
Total assets	1,046.7	1,066.9
<u>Liabilities and net worth</u>		
Current liabilities:		
Short term loans	14.7	0.1
Accounts payable	40.4	40.1
Long term debt due within one year less long term debt owned	20.1	28.8
Other current liabilities	2.7	0.7
	77.9	69.7
Long term debt	723.8	738.5
Deferred credits	8.9	7.8
Capital stock and surplus:		
Preferred	25.0	27.5
Common	88.2	89.1
Contributed surplus	75.6	79.1
Retained earnings	47.3	55.2
	236.1	250.9
Total liabilities and net worth	1,046.7	1,066.9

Natural Gas Distribution (Privately operated)

Quarterly Statement

For Three Months Ending March 31, 1965-66

Preliminary Operating Revenue and Expense Account

	1965	1966
	\$000,000	
Total operating revenues	99.6	124.6
Total operating expenses	60.7	75.5
Net revenue from operations	38.9	49.1
Other income	1.5	1.3
Other deductions:		
Depreciation	5.4	2.5
Other	1.6	3.3
	7.0	5.8
Fixed charges:		
Interest on long term debt	5.9	6.5
Other	0.6	0.4
	6.5	6.9
Net income before taxes	26.9	37.7
Provision for income taxes	9.6	13.9
Net income after taxes	17.3	23.8

Natural Gas Distribution (Privately operated)

Quarterly Statement

Assets, Liabilities and Net Worth as at March 31

	1965	1966
	\$000,000	
<u>Assets</u>		
Current assets:		
Cash	12.5	8.8
Accounts receivable less provision for doubtful accounts	67.4	67.0
Materials and supplies - gas	7.1	8.6
Gas stored underground available for sale and transmission line pack gas	1.4	6.8
Other current assets	4.2	3.9
	92.6	95.1
Investments	82.6	109.9
Fixed assets	878.8	934.9
Less depreciation and amortization	135.0	149.1
Net fixed assets	743.8	785.8
Deferred debits	25.8	25.4
Total assets	944.8	1,016.2
<u>Liabilities and net worth</u>		
Current liabilities:		
Short term loans	37.9	11.7
Accounts payable	60.4	68.4
Long term debt due within one year less long term debt owned	11.2	11.7
Other current liabilities	5.5	6.6
	115.0	98.4
Long term debt	448.7	480.7
Deferred credits and reserves	20.5	22.1
Capital stock and surplus:		
Preferred	75.7	95.0
Common	134.5	150.2
Surplus	56.2	42.9
Retained earnings	94.2	126.9
	360.6	415.0
Total liabilities	944.8	1,016.2

3. Consumption Of Petroleum Products
1963 and 1964

For some time, The Petroleum Industry was interested in obtaining from DBS a comprehensive publication that would detail the consumption of Refined Petroleum Products by commodities and by consumers.

A publication called "Refined Petroleum Products Volume II (Consumption of Petroleum Products) catalogue No 45-208 will be ready for distribution shortly. DBS has compiled data for the years 1963 and 1964 separately; the 1965 publication will tentatively be in circulation within a few months.

The publication will contain the following net sales by provinces:

- of Liquefied Petroleum Gases
- of Naphtha Specialties
- of Aviation Gasoline
- of Motor Gasoline
- of Aviation Turbo Fuel
- of Kerosene, Stove oil and Tractor fuels
- of Diesel Fuel oil
- of Light Fuel oil
- of Heavy Fuel oil
- of Asphalt
- of Lubricating Oils and Greases
- of Refined Petroleum Products

Following are a few selective disposition figures for 1963 and 1964 Net Sales of Liquefied Petroleum Gases, Motor Gasoline, Diesel Fuel Oil, Light Fuel Oil and Heavy Fuel Oil.

Net Sales of Liquefied Petroleum Gases, 1963

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Disposition:										
Residential, commercial and farm	10,104	256,203	639,583	1,076,752	172,805	418,077	1,434,679	546,970	15,587	4,570,760
Industrial	-	84,127	303,336	362,096	18,753	16,975	-	57,418	-	842,705
Gas Utilities	-	-	85,466	32,790	134,030	-	37,355	116,254	-	405,895
Total sales	10,104	340,330	1,028,385	1,471,638	375,588	435,052	1,472,034	720,642	15,587	5,819,360

Net Sales of Liquefied Petroleum Gases, 1964

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Disposition:										
Residential, commercial and farm	11,507	442,640	936,712	1,453,923	232,831	439,379	1,448,759	521,222	13,691	5,500,664
Industrial	-	125,586	267,116	363,469	53,728	44,867	-	112,005	-	966,771
Gas utilities	-	-	35,511	68,444	299,766	-	24,063	137,625	-	565,409
Total sales	11,507	568,226	1,239,339	1,885,836	586,325	484,246	1,472,822	770,852	13,691	7,032,844

Net Sales of Motor Gasoline, 1963

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons									
Disposition:									
Retail pump outlets	899,746	5,475,632	20,402,634	32,485,838	3,480,503	3,920,959	6,288,551	7,633,275	80,587,138
Farms	17,404	498,339	1,285,552	3,223,389	1,873,492	3,950,725	2,821,919	273,120	13,943,940
Federal and provincial governments, armed forces and police forces	55,499	107,408	132,208	227,295	96,995	219,139	326,871	274,170	1,439,585
Commercial transportation	21,571	185,417	2,018,519	4,122,124	526,947	259,490	595,120	730,766	8,459,954
Other	324,386	723,296	1,815,568	3,173,704	457,469	392,535	2,042,824	1,740,476	10,670,258
Total sales	1,318,606	6,990,092	25,654,481	43,232,350	6,435,406	8,742,848	12,075,285 (1)	10,651,807 (1)	115,100,875

(1) Northwest Territories and Yukon included with Alberta and British Columbia.

Net Sales of Motor Gasoline, 1964

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Disposition:										
Retail pump outlets	980,296	5,733,201	22,646,739	34,428,262	3,919,161	4,262,764	6,653,682	8,321,174	62,426	87,007,705
Farms	13,135	683,407	1,126,111	3,737,277	1,848,862	3,763,852	4,131,410	693,002	64,622	16,061,678
Federal and provincial governments, armed forces and police forces	50,559	121,859	218,441	413,690	107,259	58,312	166,971	184,856	4,193	1,326,140
Commercial transportation	18,146	188,480	1,660,208	3,111,986	302,128	160,688	485,868	637,474	7,648	6,572,626
Other	371,912	739,844	2,156,118	3,557,979	258,428	389,924	1,121,391	1,655,039	68,159	10,318,794
Total sales	1,434,048	7,466,791	27,807,617	45,249,194	6,435,838	8,635,540	12,559,322	11,491,545	207,048	121,286,943

Disposition:

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons									
Residential, apartment and farm ...	10,167	71,064	242,796	347,795	507,895	1,157,154	712,567	50,479	3,099,917
Commercial heating	-	6,954	261,770	51,565	52,711	6,567	19,958	8,789	408,314
Railways	207,572	567,920	2,543,863	2,710,848	608,737	1,088,295	1,900,757	688,606	10,316,598
Government, police forces and armed forces	116,616	233,186	276,485	214,229	332,758	54,257	90,447	321,353	1,639,331
Marine (excluding Navy)	493,126	1,173,964	1,026,916	124,075	2,831	-	35,943	891,874	3,748,729
Total industrial	341,433	231,583	936,662	1,163,912	363,751	381,440	1,462,614	2,049,235	6,930,630
Commercial transportation	15,602	30,950	833,067	822,491	161,538	99,354	293,024	328,503	2,584,529
Retail pump outlets	4,772	14,447	103,169	197,452	32,159	84,699	204,294	120,053	761,045
Total sales	1,189,288	2,330,068	6,224,728	5,632,367	2,062,380	2,871,766	4,719,604(1)	4,458,892(1)	29,489,093

(1) Northwest Territories and Yukon included with Alberta and British Columbia.

Net Sales of Diesel Fuel Oil, 1964

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Residential, apartment and farm ...	15,013	106,557	428,555	518,184	553,452	1,431,263	850,424	209,864	321	4,113,633
Commercial heating	-	7,282	46,034	75,310	63,231	6,910	11,136	25,351	28	235,282
Railways	230,389	856,238	2,613,288	3,064,373	843,478	861,288	1,908,430	876,695	-	11,254,179
Government, police forces and armed forces	138,631	193,728	215,232	233,853	380,533	54,872	107,541	273,406	70,817	1,668,613
Marine (excluding Navy)	589,738	1,171,367	1,316,499	178,448	4,285	-	3,265	1,022,461	-	4,286,063
Total industrial	508,267	372,626	1,440,793	1,179,781	325,197	461,954	1,403,068	2,230,862	217,752	8,140,300
Commercial transportation	9,875	39,657	834,080	914,363	175,788	131,465	276,680	281,804	8,047	2,671,759
Retail pump outlets	5,412	15,757	95,111	188,847	42,954	120,109	164,587	131,406	8,356	772,539
Sales other	-	45,942	79,172	9,457	1,970	2,452	10,191	3,377	-	152,561
Total sales	1,497,325	2,809,154	7,068,764	6,362,616	2,390,888	3,070,313	4,735,322	5,055,226	305,321	33,294,929

Net Sales of Light Fuel Oil, 1963

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons									
Disposition:									
Residential, apartment and farm ..	919,934	5,123,361	18,297,102	26,340,527	2,047,301	1,325,375	662,643	3,536,421	58,252,664
Commercial heating	203,932	311,905	2,436,627	3,034,082	195,613	147,794	186,887	263,719	6,780,559
Railways	6,923	4,916	30,141	28,446	22,097	34,297	15,026	1,801	143,647
Governments, police force and armed forces	118,089	260,592	238,252	495,614	56,095	29,885	70,871	95,659	1,365,057
Marine (excluding Navy)	3,475	21,987	90,964	52,701	-	-	3,764	5,591	178,482
Industrial/commercial (excluding commercial heating)	45,358	55,171	1,387,947	2,016,572	171,788	121,652	209,795	324,455	4,332,738
Total sales	1,297,711	5,777,932	22,481,033	31,967,942	2,492,894	1,659,003	1,148,986(1)	4,227,646(1)	71,053,147
(1) Northwest Territories and Yukon included with Alberta and British Columbia.									

Net Sales of Light Fuel Oil, 1964

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Disposition:										
Residential, apartment and farm ..	1,061,485	5,775,139	19,935,788	25,973,761	1,947,936	1,296,498	664,591	3,980,061	71,868	60,707,127
Commercial heating	204,924	345,508	2,419,419	2,208,134	161,459	115,404	62,736	288,619	41,777	5,847,980
Railways	2,497	15,955	45,840	143,233	24,297	37,620	19,341	10,688	-	299,471
Governments, police forces and armed forces	122,687	156,254	230,405	513,773	53,783	34,168	49,552	136,003	103,939	1,400,564
Marine (excluding Navy)	-	14,822	59,612	4,908	-	-	-	2,978	62	82,382
Industrial/commercial (excluding commercial heating)	99,004	179,365	1,202,225	1,398,174	137,593	174,375	196,538	336,880	88,023	3,812,177
Sales other	4,938	14,191	319,581	750,948	2,096	917	1,407	2,714	-	1,096,792
Total sales	1,495,535	6,501,234	24,212,870	30,992,931	2,327,164	1,658,982	994,165	4,757,943	305,669	73,246,493

Net Sales of Heavy Fuel Oil, 1963

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons									
Disposition:									
Residential, apartment and farm ..	-	4,921	3,067,030	1,243,412	46,300	227	3	491,356	4,853,249
Commercial heating	66,128	1,008,755	4,765,175	6,421,203	314,711	204,157	17,159	460,449	13,257,737
Railways	106,419	116,412	10,798	46,961	233	544	-	52,764	334,131
Governments, police forces and armed forces	166,102	540,771	463,285	293,008	71,403	254,861	10,937	554,315	2,354,682
Marine (excluding Navy)	221,861	2,639,252	5,346,852	1,239,261	12,945	-	28	768,423	10,228,622
Industrial/commercial (excluding commercial heating)	1,630,246	3,499,966	9,917,188	7,323,823	951,328	409,621	439,716	3,955,696	28,127,584
Other	-	-	131,438	1,084,422	1,417	3,207	10,685	13,297	1,244,466
Total sales	2,190,756	7,810,077	23,701,766	17,652,090	1,398,337	872,617	478,528(1)	6,296,300(1)	60,400,471
(1) Northwest Territories and Yukon included with Alberta and British Columbia.									

Net Sales of Heavy Fuel Oil, 1964

	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Disposition:										
Residential, apartment and farm ..	-	4,580	3,456,084	1,467,125	10,222	30,918	-	259,176	-	5,228,105
Commercial heating	75,183	1,122,662	6,457,694	5,959,035	399,457	137,536	141,226	557,079	1,457	14,851,329
Railways	125,652	142,093	816,120	411,725	3,199	34,016	85,274	277,004	-	1,895,083
Governments, police forces and armed forces	236,981	597,353	535,087	336,545	70,342	38,356	9,918	413,926	-	2,238,508
Marine (excluding Navy)	215,885	2,355,410	4,632,498	1,473,484	2,120	14,352	10,532	739,179	-	9,443,460
Industrial/commercial (excluding commercial heating)	1,713,489	4,562,994	11,002,783	9,514,325	796,577	613,362	170,366	5,004,048	103,247	33,481,191
Sales other	-	523,114	1,084,011	265,057	379	-	-	-	-	1,872,561
Total sales	2,367,190	9,308,206	27,984,277	19,427,296	1,282,296	868,540	417,316	7,250,412	104,704	69,010,237

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August 18, 1966

C O N T E N T S

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1. Refined Petroleum Products

Output of refined petroleum products rose 3.7% in May to 29,534,433 barrels from 28,491,077 in the same month last year, according to an advance release of data that will be contained in the May issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 1.9% in May to 29,643,936 barrels from 29,103,765 a year earlier, comprising 10.4% more domestic crude at 17,882,153 barrels versus 16,203,461 and 8.8% less imported crude at 11,761,783 barrels versus 12,900,304. Domestic disappearance of finished petroleum products rose to 14.5% 35,308,548 barrels from 30,848,182 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, May 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
ewfoundland ...	(1)	(1)	-	(1)	(1)	(1)
aritimes	782,616	250,436	(2)	446,989	626,091	2,529,227
uebec	2,605,225	396,038	1,002,700	1,802,227	1,932,078	9,044,003
ntario	3,622,653	228,397	807,641	1,794,117	1,801,066	9,768,567
anitoba	232,638	444	170,448	32,130	61,956	616,306
askatchewan ...	965,930	143,651	424,498	111,850	133,819	2,062,973
lberta	1,255,268	7,565	725,036	55,090	122,366	2,668,133
W.T. and Yukon	- 2,675	-	2,717	157	2,479	16,345
C.	994,536	130,766	778,778	134,072	307,650	2,815,762
ANADA TOTAL ...	10,456,191	1,157,297	3,911,818	4,376,632	4,987,505	29,521,316

(1) Included with Maritimes; (2) Included with Quebec.

NET SALES In Canada Of Selected Petroleum Products, May 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
wfoundland ...	157,378	88,993	186,088	137,945	363,923	989,479
ritimes	740,029	203,779	304,388	503,564	730,693	2,743,145
ebec	2,755,311	318,199	683,496	1,730,603	2,976,296	9,881,810
tario	4,404,747	205,040	684,097	2,049,526	2,199,196	11,195,454
nitoba	565,493	42,214	229,402	123,649	54,790	1,163,261
skatchewan ...	918,160	57,480	482,833	78,368	37,008	1,754,895
berta	1,224,777	29,250	526,926	49,243	53,071	2,396,532
W.T. and Yukon	10,081	1,852	7,299	11,200	2,170	44,866
C.	1,104,139	96,201	504,338	281,863	606,816	2,975,300
NADA TOTAL ...	11,880,115	1,043,008	3,608,867	4,965,961	7,023,963	33,144,742

IMPORTS Into Canada Of Selected Petroleum Products, May 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Maritimes	-	19	301,705	538,197	601,342	1,441,653
Quebec	178,473	36,712	270,895	39,142	2,266,638	3,280,778
Ontario	83,002	-	-	97,786	426,284	828,000
Other	725	1,171	144,286	-	423,511	601,599
CANADA TOTAL ...	262,200	37,902	716,886	675,125	3,717,775	6,152,030

2. Crude Oil Requirements First Ten Months 1966 Crude oil requirements of Canadian oil refineries for the first ten months of 1966 are estimated to reach 1,041.9 thousand barrels per calendar day (M bbls/c.d.) an increase of 8.3% over the actual receipts for the same period during 1965 (961.7 M bbls/c.d.). This estimate falls closely in line with the estimate of 1,043.2 M bbls/c.d. for the entire 1966 year.

Crude oil imports for the first ten months are estimated to increase 12.8% and reach 440.0 M bbls/c.d. (389.9 M bbls/c.d. in 1965) while domestic sources are estimated to provide 601.9 M bbls/c.d. for 1966, an increase of 5.3% over 1965 receipts of 571.8 M bbls/c.d. for the same period.

Actual refinery receipts of crude oil as published in Refined Petroleum Products (Cat. 45-004) for the first 5 months of 1966 were 1,013.1 M bbls/c.d. (959.8 M bbls/c.d. 1965) an increase of 5.6%. Imports during this period were 415.1 M bbls/c.d. compared with 387.1 M bbls/c.d. in 1965 while receipts from domestic sources increased 4.4% to 598.0 M bbls/c.d. from 572.7 M bbls/c.d. in 1965.

Imports of refined petroleum products during this same five months period rose to 106.7 M bbls/c.d. 1966, from 102.1 M bbls/c.d. 1965.

CANADIAN CRUDE OIL REQUIREMENTS

June 1966

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	1966 Actual 1st 5 mos.	Anticipated 1966					Full year	Actual year 1965
		June	July	Aug.	Sept.	Oct.		
thousand barrels per calendar day								
<u>By source:</u>								
Domestic:								
Prairies	555.6	572.2	576.6	592.7	530.3	546.1	562.7	534.7
British Columbia	36.9	40.3	37.8	34.4	33.4	33.4	34.4	31.4
North West Territories ..	1.8	1.8	2.4	2.4	2.5	2.4	2.1	1.8
Ontario	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.5
Totals	598.0	618.1	620.6	633.3	570.0	585.7	603.0	571.4
Imported	415.1	441.3	484.8	462.9	452.3	480.5	440.2	394.5
Requirement	1,013.1	1,059.4	1,105.4	1,096.2	1,022.3	1,066.2	1,043.2	965.9
Actual 1965 by month	959.8	971.0	969.3	987.2	964.1	926.2	-	-
<u>By location:</u>								
Atlantic	107.0	115.8	131.5	115.7	112.6	124.9	110.4	103.5
Quebec	307.4	321.7	349.6	344.6	337.0	355.6	328.6	289.2
Ontario	317.8	331.0	312.8	328.4	297.3	308.0	320.3	301.4
Manitoba	35.9	37.8	42.3	42.2	44.4	43.1	38.1	39.4
Saskatchewan	61.1	70.5	71.7	68.2	55.4	36.5	62.6	58.4
Alberta	90.6	99.0	100.8	101.5	74.0	93.8	88.3	91.5
British Columbia	91.5	81.8	94.3	93.2	99.1	101.9	92.8	80.7
North West Territories	1.8	1.8	2.4	2.4	2.5	2.4	2.1	1.8
Requirement	1,013.1	1,059.4	1,105.4	1,096.2	1,022.3	1,066.2	1,043.2	965.9
Exports(1)	295.7	349.0	366.7	347.4	344.0	..	..	294.9

1) Reported by the pipeline companies.

.. Figures not available.

3. Oil Pipeline Transport - May 1966 Net receipts of crude oil and equivalent, liquefied petroleum gases and petroleum products through Canadian oil pipelines during the month of May rose 13.5 per cent to 42,221,915 barrels from 37,216,297 for the same period in the preceding year. The principal receipts were 27,992,932 barrels of crude oil and equivalent (up 15.9 per cent), 8,321,047 barrels of imported crude (up 6.6 per cent) and 4,918,221 barrels of L.P.G.'s and products from refineries and bulk plants (up 7.6 per cent).

Net deliveries of petroleum and its products during the month increased 12.8 per cent to 42,175,448 barrels from 37,375,529 last year. Included in the month's deliveries were 25,925,177 barrels of crude oil and equivalent (up 9.2 per cent), 10,280,706 barrels of domestic crude for export (up 22.2 per cent) and 4,959,565 barrels of L.P.G.'s and products to bulk plants and terminals (up 9.8 per cent).

Net receipts of all commodities for the five-month period rose 7.9 per cent to 219,360,949 barrels from 203,310,853 received for the same period in 1965. The principal receipts included 139,245,720 barrels of crude oil and equivalent (up 7.0 per cent), 45,585,864 barrels of imported crude (up 11.3 per cent) and 29,451,004 barrels of L.P.G.'s and products from bulk plants and refineries (up 4.0 per cent).

Net deliveries during this period rose 8.1 per cent to 218,570,163 barrels from 202,115,849 delivered in the previous year. Included in these deliveries were 136,481,448 barrels of crude oil, L.P.G.'s and products to refineries (up 6.9 per cent), 49,584,637 barrels of domestic crude for export (up 13.3 per cent), and 29,708,749 barrels of L.P.G.'s and products to bulk plants and terminals (up 4.6 per cent).

Trunk line deliveries for May averaged 1,354,167 barrels per day with total traffic amounting to 18,428 million barrel miles. The average length of haul was 439.0 miles.

Total oil held by Canadian pipeline systems amounted to 17,587,170 barrels by the end of May. Inventories of crude oil and equivalent held in Canada increased by 25,988 barrels while inventories of crude oil and equivalent held in Canada and the United States increased by 90,437 barrels.

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September 2, 1966

C O N T E N T S

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2. Fuel Used to Generate Electricity - 1965	3

1. Coal and Coke Statistics, June 1966

June production of coal amounted to 844,660 tons, a decrease of .2% from the June 1965 production of 846,135 tons. Landed imports increased to 2,194,429 tons compared with 2,159,315 tons in the same period last year. Shipments of coal as reported by mine operators increased to 810,334 tons in June 1966 from 779,443 tons in June 1965. In June 1966, consumption of coal and coke by industrial consumers amounted to 951,695 tons and 457,221 tons respectively compared with 1,016,415 tons and 465,746 tons in June 1965. Stocks of coal and coke held by industrial consumers increased to 4,464,449 tons in June 1966 from 3,476,158 tons in June 1965.

Coke production during the month of June 1966 rose to 366,130 tons from 359,649 tons in June 1965. During the same period the amount of coke used in blast furnaces decreased to 311,220 tons from 317,103 tons.

June 1966

	Coal				Coke		
	Production	Landed Imports	Shipments by Coal Operators (Producers)	Consumption by Industrial Consumers	Stocks held by Industrial Consumers	Consumption by Industrial Consumers	Stocks held by Industrial Consumers
tons							
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	352,606	49,344	378,501	78,468	22,816	30,716	-
New Brunswick	61,107	-	59,808	54,248	70,628	-	-
Quebec	-	161,446	-	99,690	275,538	49,848	96,333
Ontario	-	1,983,352	-	511,866	3,488,280	352,866	115,681
Manitoba	-	190	-	32,539	92,530	156	750
Saskatchewan	128,728	30	115,915	69,111	184,098	-	-
Alberta	206,453	-	184,930	96,235	49,936	311	138
British Columbia and Yukon	95,766	67	71,180	9,538	18,389	23,324	49,332
Total Canada	844,660	2,194,429	810,334	951,695	4,202,215	457,221	262,234

2. Fuel Used to Generate Electricity - 1965

Preliminary data indicates that thermal generation of electric energy by public and private utilities amounted to 23,146,965 thousand Kwh. in 1965 compared with 18,017,595 thousand Kwh. in 1964, an increase of 28.4%. Coal was used to generate 68% of the energy with natural gas and petroleum fuels accounting for 21% and 11% respectively.

The quantity of coal used to generate electricity increased by 23% to 7,721,714 tons in 1965 from 6,264,520 tons in 1964 accounting for about 30% of the total coal consumption in Canada. During the same period, the amount of natural gas used for electric energy generation increased by 35%, while the amount of petroleum fuels used increase by 40%.

Utilities spent \$77,562,670 on fuel compared with \$60,530,081 in 1964. Coal accounted for 64% of the cost followed by natural gas and petroleum fuels with 15% and 21% respectively.

In addition to fuel used by utilities to generate electricity, industrial establishments with generating facilities used approximately 710,000 tons of coal, 113,000,000 gallons of petroleum fuels and 51,000,000 Mcf. of manufactured and natural gas to generate approximately 4,045,000 thousand Kwh. of electricity.

Fuel Used to Generate Electricity, 1965

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated:					
	Quantity of fuel:					
	Coal:					
1	Bituminous - Canadian	short ton	1,461,237	-	-	-
2	Imported	"	3,553,936	-	-	697,721
3	Sub-bituminous	"	1,522,149	-	-	-
4	Saskatchewan lignite	"	1,184,392	-	-	-
5	Other		-	-	-	-
6	Total coal	short ton	7,721,714	-	-	697,721(1)
	Petroleum fuels:					
7	Furnace fuel oil - Light	Imp. gallon	3,358,992	-	-	178,246(1)
8	Heavy	"	159,728,314	12,219,905	11,763,502	42,855,087
9	Diesel fuel oil	"	27,156,473	2,377,335	45,023	1,030,521
10	Other - Crude oil	"	288,085	-	-	-
11	Total petroleum fuels	"	190,531,864	14,597,240	11,808,525	44,063,854
	Gas:					
12	Natural	M. cu. ft.	59,601,324	-	-	-
13	Manufactured		-	-	-	-
14	Total gas	M. cu. ft.	59,601,324	-	-	-
15	Other fuels - Propane	"	14,897	-	-	-
	Cost of fuel:					
	Coal:					
16	Bituminous - Canadian	\$	12,884,611	-	-	6,333,938
17	Imported	\$	32,023,649	-	-	-
18	Sub-bituminous	\$	2,465,608	-	-	-
19	Saskatchewan lignite	\$	2,273,835	-	-	-
20	Other		-	-	-	-
21	Total coal	\$	49,647,703	-	-	6,333,938(1)
	Petroleum fuels:					
22	Furnace fuel oil - Light	\$	446,856	-	-	23,326(1)
23	Heavy	\$	10,598,976	837,861	767,821	2,702,922
24	Diesel fuel oil	\$	5,120,956	456,090	6,287	167,044
25	Other - Crude oil	\$	26,594	-	-	-
26	Total petroleum fuels	\$	16,193,382	1,293,951	774,108	2,893,292
	Gas:					
27	Natural	\$	11,686,540	-	-	-
28	Manufactured		-	-	-	-
29	Total gas	\$	11,686,540	-	-	-
30	Other fuels - Propane	\$	35,045	-	-	-
31	Total all fuels	\$	77,562,670	1,293,951	774,108	9,227,230
32	Per cent of total for Canada		100.00	1.67	1.00	11.90

(1) See footnotes at end of table.

Fuel Used to Generate Electricity, 1965

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
368,092	-	378,323	45	-	17,056	-	-	1
-	-	3,553,936	-	-	-	-	-	2
-	-	-	-	204,363	1,317,786	-	-	3
-	-	-	192,862	991,530	-	-	-	4
-	-	-	-	-	-	-	-	5
368,092(1)	-	3,932,259(1)	192,907(1)	1,195,893	1,334,842	-	-	6
358,341(1)	586,807	1,767,275(1)	376,207(1)	39,158	41,959	10,999	-	7
47,467,420	30,677,500	-	-	9,492,911	2,489,210	2,356,107	406,672	8
660,456	2,856,950	3,981,979(2)	2,431,896	257,695	1,567,863	9,458,386	2,488,369	9
-	-	-	-	-	-	288,085	-	10
48,486,217	34,121,257	5,749,254	2,808,103	9,789,764	4,099,032	12,113,577	2,895,041	11
-	-	223,537(2)	402,338	10,707,602	27,579,163	20,688,684	-	12
-	-	-	-	-	-	-	-	13
-	-	223,537	402,338	10,707,602	27,579,163	20,688,684	-	14
-	-	-	-	-	-	14,897	-	15
3,162,023	-	3,323,509	645	-	64,496	-	-	16
-	-	32,023,649	-	-	-	-	-	17
-	-	-	-	806,655	1,658,953	-	-	18
-	-	-	788,248	1,485,587	-	-	-	19
-	-	-	-	-	-	-	-	20
3,162,023(1)	-	35,347,158(1)	788,893(1)	2,292,242	1,723,449	-	-	21
59,166(1)	72,687	225,805(1)	51,672(1)	4,990	7,155	2,055	-	22
3,009,681	2,391,269	-	-	531,069	94,943	188,576	74,834	23
114,834	434,262	779,995(2)	404,064	43,293	276,716	1,648,035	790,336	24
-	-	-	-	-	-	26,594	-	25
3,183,681	2,898,218	1,005,800	455,736	579,352	378,814	1,865,260	865,170	26
-	-	90,250(2)	109,359	1,271,936	4,489,604	5,725,391	-	27
-	-	-	-	-	-	-	-	28
-	-	90,250	109,359	1,271,936	4,489,604	5,725,391	-	29
-	-	-	-	-	-	35,045	-	30
6,345,704	2,898,218	36,443,208	1,353,988	4,143,530	6,591,867	7,625,696	865,170	31
8.18	3.74	46.98	1.74	5.34	8.50	9.83	1.12	32

Fuel Used to Generate Electricity, 1965 - Concluded

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated - Concluded:					
	Average B.t.u. content of fuel:					
	Coal:					
1	Bituminous - Canadian	per pound	12,548	-	-	12,561
2	Imported	"	13,211	-	-	-
3	Sub-bituminous	"	8,121	-	-	-
4	Saskatchewan lignite	"	6,722	-	-	-
5	Other		-	-	-	-
	Petroleum fuels:					
6	Furnace fuel oil - Light	per Imp. gal.	166,651	-	-	168,319
7	Heavy	"	180,929	179,936	182,511	181,046
8	Diesel fuel oil	"	164,769	165,363	172,200	163,862
9	Other - Crude oil	"	166,000	-	-	-
	Gas:					
10	Natural	per stand. cu. ft.(3)	1,029	-	-	-
11	Manufactured		-	-	-	-
12	Other fuels - Propane	per stand. cu. ft.(3)	2,500	-	-	-
	Energy generated:(4)					
	By coal:					
13	Bituminous - Canadian	'000 kwh.	3,016,186	-	-	1,308,809
14	Imported	"	9,593,207	-	-	-
15	Sub-bituminous	"	2,012,173	-	-	-
16	Saskatchewan lignite	"	1,067,501	-	-	-
17	Other		-	-	-	-
18	Total coal	'000 kwh.	15,689,067	-	-	1,308,809(1)
	By petroleum fuels:					
19	Furnace fuel oil - Light	"	13,946	-	-	852(1)
20	Heavy	"	2,188,802	148,620	136,039	601,755
21	Diesel fuel oil	"	372,577	41,464	557	15,098
22	Other - Crude oil	"	1,358	-	-	-
23	Total petroleum fuels	"	2,576,683	190,084	136,596	617,705
	By gas:					
24	Natural	"	4,757,966	-	-	-
25	Manufactured		-	-	-	-
26	Total gas	"	4,757,966	-	-	-
27	By other fuels	"	123,249	-	-	-
28	Total all fuels	"	23,146,965	190,084	136,596	1,926,514
29	Per cent of total for Canada		100.00	0.82	0.59	8.32

(1) Fuel oil used in coal-fired stations for initial steam-raising: No resulting generation, (116,312 Imp. gals. in Nova Scotia, 358,341 Imp. gals. in New Brunswick, 1,372,506 Imp. gals. in Ontario and 294,563 Imp. gals. in Manitoba.)

(2) Fuel oil used in gas-fired station as pilot - 86,666 Imp. gals.

(3) Standard cubic foot - 760 mm. mercury 60° F.

Fuel Used to Generate Electricity, 1965 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
11,816	-	13,263	13,500	-	12,000	-	-	1
-	-	13,211	-	-	-	-	-	2
-	-	-	-	8,350	8,086	-	-	3
-	-	-	7,143	6,640	-	-	-	4
-	-	-	-	-	-	-	-	5
166,624	169,300	164,742	170,285	172,000	165,000	169,000	-	6
181,427	180,000	-	-	180,810	181,835	178,734	174,640	7
165,071	162,961	163,951	165,556	169,294	164,952	164,915	165,827	8
-	-	-	-	-	-	166,000	-	9
-	-	1,005	1,016	954	1,032	1,064	-	10
-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	2,500	-	12
647,903	-	1,045,984	45	-	13,445	-	-	13
-	-	9,593,207	-	-	-	-	-	14
-	-	-	-	241,082	1,771,091	-	-	15
-	-	-	173,637	893,864	-	-	-	16
-	-	-	-	-	-	-	-	17
647,903(1)	-	10,639,191(1)	173,682(1)	1,134,946	1,784,536	-	-	18
-(1)	7,453	3,928(1)	936(1)	501	227	49	-	19
596,306	522,482	-	-	103,387	38,094	36,077	6,042	20
9,256	40,321	55,393(2)	22,538	3,386	18,719	135,683	30,162	21
-	-	-	-	-	-	1,358	-	22
605,562	570,256	59,321	23,474	107,274	57,040	173,167	36,204	23
-	-	22,590(2)	25,310	684,031	1,929,167	2,096,868	-	24
-	-	-	-	-	-	-	-	25
-	-	22,590	25,310	684,031	1,929,167	2,096,868	-	26
-	-	120,139(5)	-	-	-	3,110(6)	-	27
1,253,465	570,256	10,841,241	222,466	1,926,251	3,770,743	2,273,145	36,204(7)	28
5.42	2.46	46.84	0.96	8.32	16.29	9.82	0.16	29

(4) Net generation after deducting station service.

(5) Nuclear generation.

(6) Propane generation.

(7) Quantities and costs of fuel unavailable for 2,170,000 kwh generation.



IND-SB-(2)-26

September 12, 1966

C O N T E N T SPage

1. Crude Petroleum and Natural Gas Production
January 1966 1
2. Preliminary Electric Energy Statistics, July 1966 5

1. CRUDE PETROLEUM AND NATURAL GAS PRODUCTION - JANUARY 1966

The production of crude petroleum and equivalent hydrocarbon during January 1966 amounted to 28,498,658 barrels (919,311 barrels/day), a decrease of 1.8 per cent or 16,363 barrels per day from January 1965 according to preliminary statistics.

Natural gas net production increased 10.0 per cent to 151,240,618 Mcf. from 137,497,768 Mcf. in January 1965, and net withdrawals from fields were 132,717,601 Mcf.

Final statistics including supply disposition of Propane and Butane will be contained in Catalogue 26-006 which will be released as soon as the data becomes available.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, January 1966

No.		New Brunswick	Ontario	Saskatchewan
	<u>A. FIELD AND PROCESSING PLANTS</u>	Mcf. at 14.73 p.s.i.a.		
	<u>Supply</u>			
1	Gross new production	11,053	1,538,805	6,056,596
2	Less field flared and waste	-	-	1,231,247
3	Net new production (1 - 2)	11,053	1,538,805	4,825,349
4	Reproduced .....	..	..	..
5	Less injected and stored	-	-	-
6	Net withdrawals	11,053	1,538,805	4,825,349
	<u>Disposition</u>			
7	Field disposition and uses	345	-	212,284
8	Gathering system disposition and uses	-	-	40,833
9	Processing plant disposition and uses:			
9A	Processing shrinkage	-	-	160,858
9B	Other disposition and uses	-	-	311,035
10	Other uses	-	-	217,345
11	Adjustment	-	-	- 4,354
12	Deliveries of marketable gas	10,708	1,538,805	3,887,348
13	Total disposition	11,053	1,538,805	4,825,349
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14A	Plants	-	-	2,114,184
14B	Fields	10,708	1,538,805	1,773,164
15	Total (14A + 14B)	10,708	1,538,805	3,887,348
16	Receipts from distributor storage	-	8,187,001	969,344
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17) ..	10,708	9,725,806	4,856,692
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	3,793
21	Saskatchewan	-	-	3,222,865
22	Manitoba	-	-	299,031
23	Ontario	-	8,896,432	-
24	Quebec	-	-	-
25	New Brunswick	8,601	-	-
26	Total sales (19 to 25 inclusive)	8,601	8,896,432	3,525,689
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	65,527
30	Pipeline line pack fluctuation	-	-	- 5,796
31	Pipeline fuel	106	27,450	175,817
32	Pipeline losses etc.	2,001	801,924	1,095,455
33	Total disposition of marketable gas (26 to 32 inclusive)	10,708	9,725,806	4,856,692

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

(3) Includes reproduced, details of which are not available.

.. Figures not available.

TABLE 2. Supply and Disposition of Natural Gas by Source, Canada, January 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf. at 14.73 p.s.i.a.						
129,395,524(3)	20,671,595	41,299	157,714,872	-	157,714,872	1
4,279,753	926,529	36,725	6,474,254	-	6,474,254	2
125,115,771	19,745,066	4,574	151,240,618	-	151,240,618	3
18,029,713	493,304	-	18,523,017	-	18,523,017	4
107,086,058	19,251,762	4,574	132,717,601	-	132,717,601	5
						6
1,056,077	177,665	-	1,446,371	-	1,446,371	7
895,504	575	-	936,912	-	936,912	8
11,234,707	594,150	-	11,989,715	-	11,989,715	9A
5,477,588	2,015,265	-	7,803,888	-	7,803,888	9B
86,619	-	4,574	308,538	-	308,538	10
- 2,134,991	- 25,764	-	- 2,165,109	-	- 2,165,109	11
90,470,554	16,489,871	-	112,397,286	-	112,397,286	12
107,086,058	19,251,762	4,574	132,717,601	-	132,717,601	13
68,379,430	16,015,164	-	86,508,778	-	86,508,778	14A
22,091,124	474,707	-	25,888,508	-	25,888,508	14B
90,470,554	16,489,871	-	112,397,286	-	112,397,286	15
601,333	-	-	9,757,678	-	9,757,678	16
2,357	-	-	2,357	-	2,357	17
91,074,244	16,489,871	-	122,157,321	3,219,680	125,377,001	18
1,262,537	6,638,809	-	7,901,346	-	7,901,346	19
23,386,353	-	-	23,390,146	17,370	23,407,516	20
4,294,608	-	-	7,517,473	-	7,517,473	21
5,032,963	-	-	5,331,994	-	5,331,994	22
14,407,102	-	-	23,303,534	3,202,310	26,505,844	23
3,433,378	-	-	3,433,378	-	3,433,378	24
-	-	-	8,601	-	8,601	25
51,816,941	6,638,809	-	70,886,472	3,219,680	74,106,152	26
29,568,246	9,076,306	-	38,644,552	-	38,644,552	27
258,781	-	-	258,781	-	258,781	28
354,170	-	-	419,697	-	419,697	29
98,715	3,689	-	96,608	-	96,608	30
4,188,729	606,262	-	4,998,364	-	4,998,364	31
4,788,662	164,805	-	6,852,847	-	6,852,847	32
91,074,244	16,489,871	-	122,157,321	3,219,680	125,377,001	33

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
Supply										
Domestic production:										
Crude oil	208	104,594	423,083	7,650,288	16,869,356	1,318,560	65,448	26,431,537	...	26,431,537
Less returned to formation	-	-	-	-	620,199	-	-	620,199	...	620,199
Condensate	208	104,594	423,083	7,650,288	16,249,157	1,318,560	65,448	25,811,338	...	25,811,338
Pentanes plus	-	-	-	13,484	58,040	3,783	-	61,823	...	61,823
Net withdrawals	208	104,594	423,083	7,663,772	2,519,470	92,543	-	2,625,497	...	2,625,497
Imports .....	...	...	...	...	...	...	65,448	28,498,658	...	28,498,658
Total supply	208	104,594	423,083	7,663,772	18,826,667	1,414,886	...	...	12,851,556	12,851,556
Disposition										
Deliveries to refineries:										
Atlantic Provinces	208	-	-	-	-	-	-	208	3,041,299	3,041,507
Quebec	-	-	-	-	-	-	-	-	9,813,358	9,813,358
Ontario	-	104,594	389,262	4,724,901	4,983,322	-	-	10,202,079	-	10,202,079
Manitoba	-	-	28,662	832,710	446,489	-	-	1,307,861	-	1,307,861
Saskatchewan	-	-	207,225	2,072,225	1,562,964	-	-	1,770,189	-	1,770,189
Alberta	-	-	-	52,196	2,675,102	-	-	2,727,298	-	2,727,298
British Columbia	-	-	-	-	863,192	-	-	2,495,279	-	2,495,279
Northwest Territories	-	-	-	-	1,632,087	-	66,899	66,899	-	66,899
Totals	208	104,594	417,924	5,817,032	11,299,964	863,192	66,899	18,569,813	12,854,657	31,424,470
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains	-	-	-	-	3,750,720	654,556	-	4,405,276	-	4,405,276
East of Rocky Mountains	-	-	-	-	456,919	-	-	456,919	-	456,919
Great Lakes Area	-	-	-	1,929,130	2,756,546	-	-	4,685,676	-	4,685,676
Totals	-	-	-	1,929,130	6,964,185	654,556	-	9,547,871	-	9,547,871
Deliveries to other purchasers ..	-	-	-	1,151	9,904	-	-	11,055	-	11,055
Inventories:										
Opening - Field and plant	-	-	79,632	435,683 ^r	951,164	81,620 ^r	52,441	1,600,540	-	1,600,540
Transporters'	-	-	13,856	5,034,991	16,123,646	1,551,825	-	22,724,318	388,856	23,113,174
Closing - Field and plant	-	-	98,587	499,031	1,086,249	64,162	50,990	1,799,019	-	1,799,019
Transporters'	-	-	14,382	4,895,995	16,337,293	1,468,629	-	22,716,299	382,231	23,098,530
Net change	-	-	19,481	- 75,648	348,732	- 100,654	- 1,451	190,460	- 6,625	183,835
Pipeline fuel	-	-	-	-	26,399	-	-	26,399	-	26,399
Field and plant use	-	-	-	1,151	18,628	- 2,497	-	17,282	-	17,282
Losses and adjustments	-	-	- 14,322	- 9,044	158,855	289	-	135,778	3,524	139,302
Total disposition	208	104,594	423,083	7,663,772	18,826,667	1,414,886	65,448	28,498,658	12,851,556	41,350,214

... Figures not appropriate or not applicable.

^r Revised figures.

2. PRELIMINARY ELECTRIC ENERGY STATISTICS - JULY 1966

Net generation of electric energy in Canada increased 9.1 per cent to 11,824,226 thousand Kwh. in July 1966 from 10,830,559 thousand Kwh. in July 1965. All of the increased generation occurred in hydro-electric plants. There was a decrease of 9.6 per cent in the output from thermal plants. During the first seven months of 1966, net generation amounted to 89,645,157 thousand Kwh., up 10.8 per cent from the corresponding period in 1965. Hydro-electric generation in the January - July period increased 13.6 per cent while generation from thermal plants decreased 1.6 per cent.

July 1966, imports decreased 16 per cent while exports rose 18 per cent compared with July 1965.

Totals for the first seven months of 1966 compared with the same period in 1965 show that imports are 30 per cent lower and exports are 9 per cent higher.

Net generation during the twelve month period ending July 31, 1966 amounted to 151,903,402 thousand Kwh. compared with 150,909,753 thousand Kwh. for the period ending in June.

Preliminary Electric Energy Statistics
(thousand Kwh.)

	July		
	1964	1965	1966
Net generation:			
Hydro	9,269,517	8,891,464	10,071,627
Thermal	1,362,191	1,939,095 ^r	1,752,599
Total net generation	10,631,708	10,830,559 ^r	11,824,226
Energy imported from U.S.A.	279,464	374,230	312,122
Energy exported to U.S.A.:			
Firm	64,634	40,413 ^r	44,398
Secondary	272,970	239,366 ^r	285,435
Total exported to U.S.A.	337,604	279,779 ^r	329,833
Net energy used in Canada	10,573,568	10,925,010 ^r	11,806,515
Secondary energy used in Canada ...	360,561	226,798 ^r	199,875
Firm energy used in Canada	10,213,007	10,698,212 ^r	11,606,640

^r Revised figures.

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September 27, 1966

C O N T E N T S

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2. Oil Pipeline Transport, June 1966	3
3. Refined Petroleum Products, June 1966	4

1. Crude Oil Requirements for the Year 1966

Crude oil requirements of Canadian oil refineries for 1966 are estimated to reach 382.4 million barrels or 1,047.7 thousand barrels per calendar day (M bbls/c.d.), an increase of 8.5% over the actual receipts of 352.6 million barrels for 1965 (965.9 M bbls/c.d.).

Requirements for Canadian produced crude oil are estimated to average 934.4 thousand barrels/day for 1966 while December requirements will surpass the 990 thousand barrels per day level.

Crude oil imports for the year are estimated to increase 12.1% to 161.5 million barrels or 442.4 M bbls/c.d. compared to 144.0 million in 1965 (394.5 M bbls/c.d.); domestic sources are estimated to provide 221.0 million barrels or 605.3 M bbls/c.d., an increase of 5.9% over 1965 receipts of 208.6 million barrels (571.4 M bbls/c.d.).

Actual refinery receipts of crude oil, as published in Refined Petroleum Products (Cat. 45-004) for the first six months of 1966 were 183.7 million barrels or 1,014.9 M bbls/c.d., an increase of 5.5% over the 1965 actual receipts of 174.1 million barrels (961.8 M bbls/c.d.). Imports during this period were 75.4 million barrels or 416.5 M bbls/c.d. compared with 71.1 million barrels (393.1 M bbls/c.d.) in 1965 while receipts from domestic sources increased 5.2% to 108.3 million barrels or 598.4 M bbls/c.d. from 102.9 million barrels (568.7 M bbls/c.d.) in 1965.

Imports of refined petroleum products during this same six months period decreased to 20.2 million barrels or 111.7 M bbls/c.d. in 1966 from 20.5 million barrels (113.3 M bbls/c.d.) in 1965.

CANADIAN CRUDE OIL REQUIREMENTS

JULY 1966

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	1966 actual 1st. 6 mos.	Anticipated 1966					Full year	Actual year 1965
		Aug.	Sept.	Oct.	Nov.	Dec.		
thousand barrels per calendar day								
By source:								
Domestic:								
Prairies	556.2	599.8	537.6	531.0	581.7	588.9	562.9	534.7
British Columbia	36.5	35.4	42.9	37.5	35.4	31.7	36.6	31.4
North West Territories ..	2.0	2.4	2.5	1.8	2.5	2.4	2.1	1.8
Ontario	3.7	3.7	3.7	3.7	3.7	3.8	3.7	3.5
Totals	598.4	641.3	586.7	574.0	623.3	626.8	605.3	571.4
Imported	416.5	459.1	469.0	464.7	479.2	450.1	442.4	394.5
Requirement	1,014.9	1,100.4	1,055.7	1,038.7	1,102.5	1,076.9	1,047.7	965.9
Actual 1965 by month	961.8	987.2	964.1	926.2	998.3	976.7	-	-
By location:								
Atlantic	106.0	124.3	127.4	112.4	112.3	93.9	111.5	103.5
Quebec	309.5	332.2	338.9	349.7	367.0	358.1	329.5	289.2
Ontario	317.6	331.3	294.0	304.5	318.7	326.9	316.2	301.4
Manitoba	36.2	46.9	47.5	43.5	43.8	44.9	40.6	39.4
Saskatchewan	62.5	67.7	63.8	36.9	60.7	59.5	61.3	58.4
Alberta	91.6	100.1	81.6	90.0	98.5	103.9	93.7	91.5
British Columbia	89.5	95.5	100.0	99.9	99.0	87.3	92.8	80.7
North West Territories	2.0	2.4	2.5	1.8	2.5	2.4	2.1	1.8
Requirement	1,014.9	1,100.4	1,055.7	1,038.7	1,102.5	1,076.9	1,047.7	965.9
Exports(1)	304.8	357.8	360.0	364.4	324.6	365.0	329.1	294.9
1) Reported by the pipeline companies.								

1) Reported by the pipeline companies.

2. Oil Pipeline Transport Oil movements by Canadian oil pipelines increased 14.0% in June 1966 with receipts of 42,551,781 barrels compared with 37,317,702 last year.

Total traffic amounted to 18,636 million barrel miles with an average length of haul of 435.1 miles.

	Crude oil and equivalent	Refined petroleum products and L.P.G.'s	Total June 1966	Total June 1965	% of increase or decrease over 1965	Year to date 1966
Net receipts:						
Domestic	27,774,513	5,885,408	33,659,921	29,768,310	13.1	207,279,965
Imports	8,864,741	27,119	8,891,860	7,549,392	18.1	54,632,765
Total net receipts	36,639,254	5,912,527	42,551,781	37,317,702	14.0	261,912,730
Net deliveries:						
Domestic	26,449,143	5,802,927	32,252,070	29,015,331	11.2	199,927,682
Exports	10,510,262	187,892	10,698,154	8,762,899	22.1	61,599,947
Total net deliveries ..	36,959,405	5,990,819	42,950,224	37,778,230	13.7	261,527,629
Inventory change ..	- 346,678	- 92,527	- 439,205	- 508,639	-	- 187,867

3. Refined Petroleum Products. Production of refined petroleum products rose 9.6% in June to 31,384,534 barrels from 28,633,839 in the same month last year, according to an advance release of data that will be contained in the June issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 5.4% in June to 30,713,844 barrels from 29,129,389 a year earlier, comprising 9.6% more domestic crude at 18,010,872 barrels versus 16,438,686 and 0.1% more imported crude at 12,702,972 barrels versus 12,690,703. Domestic disappearance of finished petroleum products rose 7.1% to 33,035,009 barrels from 30,839,631 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, June 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	950,200	305,501	(2)	801,942	760,291	3,496,443
Quebec	2,916,906	317,824	1,205,711	1,696,665	1,626,633	9,237,586
Ontario	3,655,767	146,006	1,244,195	1,487,540	1,763,952	9,976,436
Manitoba	452,961	50,223	163,441	137,172	64,200	1,115,294
Saskatchewan	930,562	145,398	446,316	167,837	116,874	2,073,045
Alberta	1,451,718	12,713	816,335	76,550	141,584	3,054,142
Northwest Territories and Yukon	27,007	-	15,283	11,582	26,310	79,445
British Columbia	977,855	72,447	590,101	520	310,909	2,352,143
CANADA TOTAL	11,362,976	1,050,112	4,481,382	4,379,808	4,810,753	31,384,534

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES In Canada of Selected Petroleum Products, June 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	174,224	57,264	187,617	63,052	214,987	754,306
Maritimes	785,412	113,774	295,643	210,096	599,908	2,388,598
Quebec	2,819,565	76,908	695,678	680,343	2,637,146	8,359,557
Ontario	4,577,913	57,520	735,151	1,133,950	2,191,319	10,739,650
Manitoba	664,608	17,544	277,323	58,068	49,689	1,289,942
Saskatchewan	892,237	33,243	458,490	36,240	27,285	1,638,422
Alberta	1,214,931	21,611	507,427	32,805	100,828	2,506,907
Northwest Territories and Yukon	13,530	874	22,163	6,186	17,690	78,179
British Columbia	1,204,889	80,838	566,707	203,000	655,694	3,150,419
CANADA TOTAL	12,347,309	459,576	3,746,199	2,423,740	6,494,546	30,905,980

IMPORTS Into Canada of Selected Petroleum Products, June 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	-	39,915	-	561,881	271,753	934,441
Quebec	225,841	130	-	182,257	1,266,578	2,096,110
Ontario	-	-	-	-	560,266	850,751
All other	792	852	216	-	178,153	225,318
CANADA TOTAL	226,633	40,897	216	744,138	2,276,750	4,106,620

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1. Refined Petroleum Products

Production of refined petroleum products increased 9.4% in July to 33,637,986 barrels from 30,742,618 in the same month last year, according to an advance release of data that will be contained in the July issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 10.0% in July to 33,051,358 barrels from 30,048,202 a year earlier, comprised of 5.0% more domestic crude at 18,647,523 barrels versus 17,759,916 and 17.2% more imported crude at 14,403,835 barrels versus 12,288,286. Domestic disappearance of finished petroleum products increased 1.0% to 31,709,689 barrels from 31,396,875 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, July 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Newfoundland ..	(1)	(1)	-	(1)	(1)	(1)
Maritimes	1,018,524	189,506	(2)	805,931	775,626	3,612,342
Quebec	2,971,518	291,918	1,416,561	2,303,253	2,033,775	10,502,272
Ontario	3,700,784	223,755	789,079	1,917,275	1,652,369	9,830,504
Manitoba	576,416	76,470	285,646	29,219	70,269	1,319,666
Saskatchewan ..	934,130	129,287	530,663	151,096	119,692	2,196,151
Alberta	1,461,028	15,528	750,954	90,250	177,322	3,071,503
N.W.T. and Yukon	3,210	-	15,407	16,872	14,050	77,181
B.C.	1,124,590	203,068	664,397	202,019	314,479	3,028,367
CANADA TOTAL ..	11,790,200	1,129,532	4,452,707	5,515,915	5,157,582	33,637,986

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES In Canada Of Selected Petroleum Products, July 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Newfoundland ..	179,520	36,203	161,162	25,731	165,147	634,243
Maritimes	889,748	77,748	286,807	107,097	640,381	2,376,929
Quebec	3,011,320	95,655	683,999	415,830	2,743,410	8,450,615
Ontario	4,739,115	28,990	653,976	597,625	1,379,074	9,287,572
Manitoba	684,232	8,036	231,149	17,483	32,732	1,194,911
Saskatchewan ..	935,096	20,736	428,902	18,285	30,009	1,658,614
Alberta	1,277,016	14,292	466,073	28,775	89,929	2,556,703
N.W.T. and Yukon	18,723	1,772	43,358	11,425	22,357	115,591
B.C.	1,324,425	58,441	532,358	112,582	747,957	3,205,679
CANADA TOTAL ..	13,059,195	341,873	3,487,784	1,334,833	5,850,996	29,480,857

IMPORTS Into Canada Of Selected Petroleum Products, July 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Maritimes	-	18,754	133,536	165,323	268,470	901,200
Quebec	421,894	128,421	225,219	404,476	2,397,206	3,876,399
Ontario	-	-	195,908	114,995	833,516	1,354,632
Other	535	706	186	-	358,721	398,137
CANADA TOTAL ..	422,429	147,881	554,849	684,794	3,857,913	6,530,368

2. Crude Oil Requirements for the year 1966

Crude oil requirements of Canadian oil refineries for 1966 are estimated to reach 381.6 million barrels or 1,045.4 thousand barrels per calendar day (M bbls/-c.d.), an increase of 8.2% over the 352.6 million barrels for 1965 (965.9 M bbls/-c.d.).

Requirements for domestic and export markets for Canadian produced crude oil are estimated to average 936.9 thousand barrels/day for 1966 while December requirements will surpass the 984 thousand barrels per day level.

Crude oil imports for the year are estimated to increase 11.3% to 160.3 million barrels or 439.0 M bbls/c.d. compared to 144.0 million in 1965 (394.5 M bbls/c.d.). Domestic sources are estimated to provide Canadian refineries with 221.3 million barrels or 606.4 M bbls/c.d., an increase of 6.1% over the 208.6 million barrels (571.4 M bbls/c.d.) in 1965.

Actual refinery receipts of crude oil, as published in Refined Petroleum Products (Cat. 45-004) for the first seven months of 1966 were 216.8 million barrels or 1,022.3 M bbls/c.d., an increase of 6.2% over the 1965 receipts of 204.1 million barrels (962.8 M bbls/c.d.). Imports during this period were 89.8 million barrels or 423.5 M bbls/c.d. compared with 83.4 million barrels (393.5 M bbls/c.d.) in 1965 while receipts from domestic sources increased 5.2% to 127.0 million barrels (598.8-M bbls/c.d.) from 120.7 million barrels (569.3 M bbls/c.d.) in 1965.

Imports of refined petroleum products during this same seven months period decreased to 26.7 million barrels or 126.1 M bbls/c.d. in 1966 from 27.3 million barrels (128.8 M bbls/c.d.) in 1965.

Anticipated and Actual Refinery Receipts of Crude Oil,
Condensate and Pentanes Plus, August 1966

	1966 actual 1st 7 mos.	Anticipated 1966						Actual year 1965
	Aug.	Sept.	Oct.	Nov.	Dec.	Full year		
thousand barrels per calendar day								
<u>By source:</u>								
Domestic:								
Prairies	556.4	599.8	551.5	543.4	575.8	569.5	561.3	534.7
British Columbia	36.7	35.4	47.7	42.3	45.4	44.0	39.3	31.4
North West Territories ...	2.0	2.4	2.5	3.1	1.4	2.0	2.1	1.8
Ontario	3.7	3.7	3.6	3.6	3.6	3.6	3.7	3.5
Totals	598.8	641.3	605.3	592.4	626.2	619.1	606.4	571.4
Imported	423.5	459.1	437.9	466.1	476.1	462.7	439.0	394.5
Requirement	1,022.3	1,100.4	1,043.2	1,058.5	1,102.3	1,081.8	1,045.4	965.9
Actual 1965 by month	962.8	987.2	964.1	926.2	998.3	976.7	-	-
<u>By location:</u>								
Atlantic	108.5	124.3	119.1	117.1	104.6	114.0	111.6	103.5
Quebec	313.7	332.2	316.1	346.7	368.8	348.8	325.8	289.2
Ontario	315.2	331.3	303.4	313.3	326.0	322.1	316.9	301.4
Manitoba	36.9	46.9	43.7	45.7	43.7	42.6	40.1	39.4
Saskatchewan	64.0	67.7	75.5	37.2	62.0	62.1	62.7	58.4
Alberta	92.1	100.1	80.5	90.5	91.6	90.1	91.5	91.5
British Columbia	89.9	95.5	102.4	104.9	104.2	100.1	94.7	80.7
North West Territories	2.0	2.4	2.5	3.1	1.4	2.0	2.1	1.8
Requirement	1,022.3	1,100.4	1,043.2	1,058.5	1,102.3	1,081.8	1,045.4	965.9
Export requirements(1)	332.5	357.8	350.7	364.1	361.0	365.8	330.5	294.9

(1) Reported by the pipeline companies.



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1. COAL AND COKE STATISTICS

After dropping off sharply in July as compared to July 1965, coal production increased to 672,486 tons as compared to 603,182 tons in August 1965, a gain of 11.5%. Landed imports increased to 2,372,302 tons from 2,072,195 tons in August 1965. Shipments of coal as reported by mine operators increased to 672,787 tons from 656,517 tons in August 1965. Consumption of coal and coke by industrial consumers amounted to 927,009 tons and 439,275 tons respectively in August 1966, a decrease of 14.3% and 9.8% from 1965's 1,079,060 and 486,937 tons.

The decrease in industrial consumption was due mainly to a 7% decrease in thermal generation of electricity and a decline in steel production during the month. Part of the decrease in steel is attributable to a strike.

Industrial consumers' stocks of coal rose from 3,975,596 tons in August 1965 to 5,341,537 tons in August 1966. This build-up of stocks reflects the large decrease in thermal electric generation due to increased hydro-electric generation resulting from above average water conditions throughout most of the current year. In addition, stocks are now being provided for increased thermal generation facilities which are expected to be operating during the winter of 1966-67.

Coke production during the month of August 1966 decreased to 366,864 ton from 388,989 tons and 377,928 tons in July 1966 and August 1965 respectively. During the same periods, the amount of coke used in blast furnaces decreased to 291,225 tons in August 1966 from 327,408 tons in July 1966, and 332,168^T tons in August 1965.

This information is summarized from the monthly Coal and Coke publication - Catalogue 45-002.

	Coal				Coke		
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
tons							
Newfoundland	-	1,325	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	196,405	39,852	269,645	60,086	18,950	40,613	-
New Brunswick	85,423	-	78,532	68,776	68,639	-	-
Quebec	-	98,718	-	97,225	369,088	52,762	129,220
Ontario	-	2,232,312	-	516,388	4,568,914	319,276	123,878
Manitoba	-	-	-	23,194	98,751	18	729
Saskatchewan	79,904	-	80,843	42,127	149,705	-	-
Alberta	201,233	-	183,816	112,424	47,972	309	170
British Columbia and Yukon	109,521	95	59,951	6,789	19,518	26,297	45,934
Total Canada	672,486	2,372,302	672,787	927,009	5,341,537	439,275	299,931

2. Oil Pipeline Transport, July 1966

Oil movements by Canadian oil pipelines increased 13.6% in July 1966 with receipts of 44,682,964 barrels compared with 39,342,386 last year.

Total traffic amounted to 18,583 million barrel miles with an average length haul of 428.2 miles.

This data is summarized from the July Oil Pipeline Transport report Catalogue 55-001.

	Crude oil and equivalent	Refined petroleum products and L.P.G.'s	Total July 1966	Total July 1965	% of increase or decrease over 1965	Year to date 1966
Net receipts:						
Domestic	29,689,904	5,316,889	35,006,793	31,499,982	11.2	196,710,137
Imports	9,638,591	37,580	9,676,171	7,842,404	23.4	64,089,196
Total net receipts ...	39,328,495	5,354,469	44,682,964	39,342,386	13.6	260,799,333
Net deliveries:						
Domestic	27,955,799	5,166,968	33,122,767	30,572,803	8.4	188,914,366
Exports	10,398,555	146,515	10,545,070	9,082,649	16.2	70,493,454
Total net deliveries	38,354,354	5,313,483	43,667,837	39,655,452	10.1	259,407,820
Inventory change	977,728	34,604	1,012,332	- 297,696	-	824,471

3. Crude Petroleum and Natural Gas Production - February 1966

The production of crude petroleum and equivalent hydrocarbons during February 1966 amounted to 27,013,158 barrels, (964,755 barrels/day), an increase of 5.6% or 51,483 barrels per day from February 1965 according to preliminary statistics.

Natural gas net production increased 5.4% to 129,215,044 Mcf. from 122,571,803 Mcf. in February 1965, and net withdrawals from fields were 113,529,214 Mcf.

Final statistics including the supply and disposition of propane and butane will be contained in Catalogue 26-006 which will be released as soon as final data becomes available.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, February 1966

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	10,029	1,500,887	5,543,675
2	Less field flared and waste	-	-	1,215,005
3	Net new production (1 - 2)	10,029	1,500,887	4,328,670
4	Reproduced	-	-	-
5	Less injected and stored	-	-	-
6	Net withdrawals	10,029	1,500,887	4,328,670
	<u>Disposition</u>			
7	Field disposition and uses	254	-	175,174
8	Gathering system disposition and uses	-	-	118,647
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	141,524
9b	Other disposition and uses	-	-	141,303
10	Other uses	-	-	233,872
11	Adjustment	-	-	- 14,954
12	Deliveries of marketable gas	9,775	1,500,887	3,533,104
13	Total disposition	10,029	1,500,887	4,328,670
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	1,843,402
14b	Fields	9,775	1,500,887	1,689,702
15	Total (14a + 14b)	9,775	1,500,887	3,533,104
16	Receipts from distributor storage	-	5,819,830	469,377
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	9,775	7,320,717	4,002,481
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	-
21	Saskatchewan	-	-	4,836,080
22	Manitoba	-	-	469,056
23	Ontario	-	7,595,567	-
24	Quebec	-	-	-
25	New Brunswick	5,982	-	-
26	Total sales (19 to 25 inclusive)	5,982	7,595,567	5,305,136
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	115,913
30	Pipeline line pack fluctuation	-	18,500	- 13,821
31	Pipeline fuel	116	31,850	152,119
32	Pipeline losses etc.	3,677	- 325,200	- 1,556,866
33	Total disposition of marketable gas (26 to 32 inclusive)	9,775	7,320,717	4,002,481

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, February 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
111,235,877 5,061,149	17,994,625 799,613	61,442 55,724	136,346,535 7,131,491	- -	136,346,535 7,131,491	1
106,174,728	17,195,012	5,718	129,215,044	-	129,215,044	2
-	-	-	-	-	-	3
15,190,839	494,991	-	15,685,830	-	15,685,830	4
90,983,889	16,700,021	5,718	113,529,214	-	113,529,214	5
997,548 230,943	605,881 - 50	- -	1,778,857 349,540	- -	1,778,857 349,540	6
10,004,159	539,656	-	10,685,339	-	10,685,339	7
4,532,477	1,502,496	-	6,176,276	-	6,176,276	8
69,171	-	-	308,761	-	308,761	9a
- 1,332,205	- 9,988	5,718	- 1,357,147	-	- 1,357,147	9b
76,481,796	14,062,026	-	95,587,588	-	95,587,588	10
90,983,889	16,700,021	5,718	113,529,214	-	113,529,214	11
60,096,771 16,385,025	13,581,738 480,288	- -	75,521,911 20,065,677	- -	75,521,911 20,065,677	12
76,481,796	14,062,026	-	95,587,588	-	95,587,588	13
278,867 - 564	- -	- -	6,568,074 - 564	- -	6,568,074 - 564	14a
76,760,099	14,062,026	-	102,155,098	2,861,093	105,016,191	14b
1,217,894 20,311,748 3,366,691 4,584,386 17,101,750 3,049,096 -	5,833,157 - - - - - -	- - - - - - -	7,051,051 20,311,748 8,202,771 5,053,442 24,697,317 3,049,096 5,982	- 13,432 - - 2,847,661 - -	7,051,051 20,325,180 8,202,771 5,053,442 27,544,978 3,049,096 5,982	15
49,631,565	5,833,157	-	68,371,407	2,861,093	71,232,500	16
26,855,953 266,370 697,494 99,992 3,656,101 4,447,376	7,905,531 - - - 167,401 569,393 - 78,654	- - - - - -	34,761,484 266,370 813,407 - 62,730 4,409,579 - 6,404,419	- - - - - -	34,761,484 266,370 813,407 - 62,730 4,409,579 - 6,404,419	17
76,760,099	14,062,026	-	102,155,098	2,861,093	105,016,191	18

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November 10, 1966

OIL PIPELINE TRANSPORT AND NATURAL GAS
PIPELINE TRANSPORT AND DISTRIBUTION COMPANIES

Quarterly Financial Statistics

In the first six months of 1966 net income for oil pipeline companies rose to \$23.3 million, 16.5% over the \$20.0 million in the same period in 1965. Net income of gas pipeline companies increased to \$13.4 million, 13.6% over the \$11.8 million in the previous year. Net income of privately operated natural gas distribution companies, which account for approximately 80% of all distributors revenues, rose to \$35.8 million from \$24.8 million, up 44.3%.

Fixed assets as at June 30, 1966 totalled \$634.0 million for oil pipeline companies (up 6.1% from \$597.5 million), \$1,119.7 million for gas pipeline companies (up 4.0% from \$1,076.6 million), and \$958.1 million for gas distribution companies (up 7.6% from \$890.4 million).

Assets, Liabilities and Net Worth as at June 30, 1965-66

[illegible]

Quarterly Statement

Preliminary Operating Revenue and Expense Account
For Six Months Ending June 30, 1965-66

	Oil pipeline transport		Natural gas pipeline transport		Natural gas distribution (privately operated)	
	1965	1966	1965	1966	1965	1966
	millions of dollars					
Total operating revenues	69.3	75.7	116.3	130.1	173.8	218.5
Total operating expenses	15.8	17.7	68.0	79.5	111.0	137.4
Net revenue from operations	53.5	58.0	48.3	50.6	62.8	81.1
Other income and income from affiliated companies	3.7	4.6	1.0	1.0	3.1	2.7
Other deductions and fixed charges:						
Depreciation	11.0	11.5	14.3	14.1	10.3	10.2
Interest on long term debt	6.8	6.9	20.5	21.4	12.2	13.4
Other	1.1	1.2	2.7	2.7	3.6	3.5
	18.9	19.6	37.5	38.2	26.1	27.1
Net income before taxes	38.3	43.0	11.8	13.4	39.8	56.7
Provision for income taxes	18.3	19.7	-	-	15.0	20.9
Net income after taxes	20.0	23.3	11.8	13.4	24.8	35.8

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November 25, 1966

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1. Preliminary Electric Energy Statistics

Electric energy generation showed increases in both August and September of 1966 over the same months in 1965. Generation in August increased 10.7% to 12,684,509 thousand kwh. as compared to 11,453,728 thousand kwh. in August 1965. September 1966 generation increased 9.1% to 12,625,775 thousand kwh. from 11,578,103 thousand kwh. in September 1965. Due to the favourable water conditions throughout most of the country during August, all the increased generation was in hydro-electric plants while thermal generation decreased. However, in September, increased generation was shown in both hydro-electric and thermal plants. During the first eight months of 1966, net generation increased 10.8% to 102,336,331 thousand kwh. from 92,353,737 thousand kwh. in the same period last year. September generation brought the cumulative total to 144,962,106 thousand kwh.; an increase of 10.6% over the 103,931,840 thousand kwh. generated in the first nine months of 1965. Hydro-electric generation increased 13.8% during the first eight months and 13.1% in the first nine months as compared to the same periods of 1965. Output from thermal plants during the first eight months of 1966 decreased 2.2% from the previous year and showed a decrease of 0.2% for the first nine months from the first nine months of 1965.

Imports in August 1966 increased 13.9% over the previous August but decreased by 24.8% in September as compared to September 1965. Exports increased in both August and September by 21.8% and 25% respectively as compared to the same months of last year. The cumulative totals for 1966 show imports down by 25% and 21.7% for the first eight and nine months respectively. Exports, on the other hand, increased during these periods by 10.7% and 12.4% respectively over the previous years. Secondary energy used in Canada during these periods increased by 15% during the January-August period and 13.2% during the January-September period.

Net generation for the twelve month periods ending August 31, 1966 and September 30, 1966 amounted to 152,874,071^r thousand kwh. and 153,921,743 thousand kwh. respectively (151,640,301 thousand kwh. in July).

Preliminary Electric Energy Statistics
(thousand kwh.)

	1964	1965	1966
	August		
Net generation:			
Hydro	9,048,691 ^r	9,252,399	10,629,255
Thermal	1,657,143 ^r	2,201,329 ^r	2,055,254
Total net generation	10,705,834 ^r	11,453,728 ^r	12,684,509
Energy imported from U.S.A.	303,559	277,208	315,681
Energy exported to U.S.A.:			
Firm	60,484	41,823	44,326
Secondary	307,812	277,488	344,284
Total exported to U.S.A.	368,296	319,311	388,610
Net energy used in Canada	10,641,097	11,411,625 ^r	12,611,580
Secondary energy used in Canada ...	323,360 ^r	355,551 ^r	398,055
Firm energy used in Canada	10,317,737	11,056,074 ^r	12,213,525
	September		
Net generation:			
Hydro	8,916,549	9,327,935	10,037,888
Thermal	1,930,031	2,250,168 ^r	2,587,887
Total net generation	10,846,580	11,578,103 ^r	12,625,775
Energy imported from U.S.A.	263,780	293,685	220,995
Energy exported to U.S.A.:			
Firm	61,303	44,054	39,401
Secondary	305,482	270,067	353,122
Total exported to U.S.A.	366,785	314,121	392,523
Net energy used in Canada	10,743,575	11,557,667 ^r	12,454,247
Secondary energy used in Canada ...	311,876 ^r	364,609 ^r	362,911
Firm energy used in Canada	10,431,699 ^r	11,193,058 ^r	12,091,336

Revised figures.

2. Oil Pipeline Transport, August 1966

Oil movements by Canadian oil pipelines increased 11.5% in August 1966 with receipts of 45,137,711 barrels compared with 40,492,949 last year.

Total traffic amounted to 19,491 million barrel miles with an average length haul of 431.1 miles.

This data is summarized from the August Oil Pipeline Transport report Catalogue 55-001.

	Crude oil and equivalent	Refined petroleum products and L.P.G.'S.	Total August 1966	Total August 1965	% of increase or decrease over 1965	Year to date 1966
Net receipts:						
Domestic	29,735,762	5,995,564	35,731,326	34,113,382	+ 4.8	226,445,899
Imports	9,373,987	32,398	9,406,385	6,379,567	+ 47.5	73,463,183
Total net receipts	39,109,749	6,027,962	45,137,711	40,492,949	+ 11.2	299,909,082
Net deliveries:						
Domestic	28,524,200	5,820,844	34,345,044	30,412,744	+ 12.9	217,324,847
Exports	10,929,686	198,729	11,128,415	9,616,152	+ 15.7	81,423,140
Total net deliveries	39,453,886	6,019,573	45,473,459	40,028,896	+ 13.6	298,747,987
Inventory change	- 399,027	761	- 398,266	368,893	-	426,205

3. Directory

Oil & Gas Statistics

A.J. Côté
992-4021

Energy Statistics

R.L. Borden
992-6014

Coal & Electricity Statistics

D.F. Heney
992-6014

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November 28, 1966

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1. Coal and Coke Statistics, September 1966

Coal production for the month of September amounted to 926,718 tons a decrease of 2.4% from the September 1965 production of 949,585 tons, while landed imports were 2,303,398 tons an increase of 148,907 tons over last year. Consumption of coal and coke by industrial consumers amounted to 1,128,487 tons and 480,090 tons respectively. Industrial consumers' stocks of coal and coke increased 29% to 6,178,712 tons in September 1966 from 4,780,945 tons in September 1965

Coke production during the month of September 1966 increased to 372,966 tons from 365,040 tons in September 1965 while coke used in blast furnaces increased to 326,163 tons from 311,182 tons.

		Coal			Coke		
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
tons							
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	356,771	56,409	438,870	83,161	22,318	32,209	-
New Brunswick	89,969	-	88,168	70,906	79,288	-	-
Quebec	-	107,889	-	92,564	427,685	52,479	131,956
Ontario	-	2,138,996	-	632,797	5,032,326	368,613	120,614
Manitoba	-	93	-	21,182	96,105	53	694
Saskatchewan	140,435	-	139,264	87,885	167,861	-	-
Alberta	251,627	-	270,417	130,301	35,042	291	239
British Columbia and Yukon	87,916	11	65,958	9,691	19,561	26,445	45,023
Total Canada 1966	926,718	2,303,398	1,002,677	1,128,487	5,880,186	480,090	298,526
Total Canada 1965	949,585	2,154,491	936,369	1,089,893	4,466,497	467,476	314,448

2. Crude Oil Requirements for the year 1966

Requirements for domestic and export markets for Canadian produced crude oil are estimated to average 952.1 thousand barrels/day for 1966 while January 1967 requirements will surpass the 986 thousand barrels per day level.

Crude oil requirements of Canadian oil refineries for 1966 are estimated to reach 380.8 million barrels or 1,043.3 thousand barrels per calendar day (M bbl/c.d.), an increase of 8.0% over the 352.6 million barrels for 1965 (965.9 M bbls/c.d.).

Crude oil imports for the year are estimated to increase 11.1% to 160.0 million barrels or 438.3 M bbls/c.d. compared to 144.0 million in 1965 (394.5 M bbls/c.d.). Domestic sources are estimated to provide Canadian refineries with 220.8 million barrels or 605.0 M bbls/c.d., an increase of 5.9% over the 208.6 million barrels (571.4 M bbls/c.d.) in 1965.

Actual refinery receipts of crude oil, as published in Refined Petroleum Products (Cat. 45-004) for the first eight months of 1966 were 250.5 million barrels or 1,030.8 M bbls/c.d., an increase of 6.7% over the 1965 receipts of 234.7 million barrels (965.9 M bbls/c.d.). Imports during this period were 104.2 million barrels or 428.8 M bbls/c.d. compared with 95.2 million barrels (391.8 M bbls/c.d.) in 1965 while receipts from domestic sources increased 4.9% to 146.3 million barrels (602.0 M bbls/c.d.) from 139.5 million barrels (574.1 M bbls/c.d.) in 1965.

Imports of refined petroleum products during this same eight months period increased to 33.5 million barrels or 137.9 M bbls/c.d. in 1966 from 32.5 million barrels (133.9 M bbls/c.d.) in 1965.

CANADIAN CRUDE OIL REQUIREMENTS

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus
September 1966

	1966 actual 1st 8 mos.	Anticipated				1966 full year	Jan. 1967	Actual year 1965
		Sept.	Oct.	Nov.	Dec.			
thousand barrels per calendar day								
<u>By source:</u>								
Domestic:								
Prairies	559.8	551.5	521.9	595.1	590.3	561.4	582.5	534.7
British Columbia	36.5	47.7	36.4	38.3	40.1	37.9	39.6	31.4
North West Territories ...	2.1	2.5	2.0	1.4	2.8	2.1	2.8	1.8
Ontario	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
Totals	602.0	605.3	563.9	638.4	636.8	605.0	628.5	571.4
Imported	428.8	437.9	448.7	470.9	470.6	438.3	455.6	394.5
Total requirements	1,030.8	1,043.2	1,012.6	1,109.3	1,107.4	1,043.3	1,084.1	965.9
Total requirements 1965	965.9	964.1	926.2	998.3	976.7	-	-	-

By location:

Atlantic	110.8	119.1	112.1	118.5	114.1	112.6	116.3	103.5
Quebec	316.5	316.1	334.0	349.8	356.5	324.1	339.3	289.2
Ontario	315.0	303.4	295.9	340.4	336.8	316.3	328.8	301.4
Manitoba	37.9	43.7	42.1	46.1	46.8	40.2	45.4	39.4
Saskatchewan	64.5	75.5	33.2	62.3	63.6	62.5	63.9	58.4
Alberta	93.4	80.5	87.4	91.3	91.5	91.5	91.3	91.5
British Columbia	90.6	102.4	105.9	99.5	95.3	94.0	96.3	80.7
North West Territories	2.1	2.5	2.0	1.4	2.8	2.1	2.8	1.8
Total requirements	1,030.8	1,043.2	1,012.6	1,109.3	1,107.4	1,043.3	1,084.1	965.9
Export requirements(1)	335.1	350.7	367.6	369.6	396.0	347.1	357.4	294.9

(1) Reported by the pipeline companies.

3. Refined Petroleum Products

Production of refined petroleum products increased 3.5% in August to 32,557,702 barrels from 31,441,974 in the same month last year, according to an advance release of data that will be contained in the August issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 10.3% in August to 33,748,671 barrels from 30,602,641 a year earlier. There was 2.7% more domestic crude at 19,337,468 barrels versus 18,825,970 and, 22.4% more imported crude at 14,411,203 barrels versus 11,776,671. Domestic disappearance of finished petroleum products rose 6.8% to 35,194,929 barrels from 32,941,852 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, August 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	1,048,901	251,871	(2)	778,462	698,451	3,564,623
Quebec	3,000,423	328,202	1,168,238	2,214,549	1,697,438	10,179,654
Ontario	3,503,435	314,715	673,537	1,559,920	1,655,866	9,072,950
Manitoba	601,354	117,257	221,257	69,689	111,780	1,383,964
Saskatchewan	939,287	138,507	444,375	160,187	113,299	2,147,093
Alberta	1,559,197	10,493	757,859	147,960	157,686	3,232,009
N.W.T. and Yukon	394	-	- 17,651	37,865	35,581	82,397
B.C.	1,105,188	158,150	706,930	98,971	320,746	2,895,012
CANADA TOTAL	11,758,179	1,319,195	3,954,545	5,067,603	4,790,847	32,557,702

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES In Canada Of Selected Petroleum Products, August 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Newfoundland	192,580	41,568	168,714	52,267	338,382	972,734
Maritimes	948,149	81,899	254,452	141,595	1,166,203	2,982,450
Quebec	3,066,611	90,951	707,954	579,490	2,851,624	9,121,826
Ontario	4,957,771	180,279	677,676	653,470	1,652,596	10,081,727
Manitoba	781,382	12,102	268,099	25,346	43,757	1,350,535
Saskatchewan	1,118,807	33,321	429,417	21,243	26,597	1,829,514
Alberta	1,394,256	17,869	467,151	30,540	75,725	2,440,094
N.W.T. and Yukon	19,494	1,126	155,135	22,305	51,860	271,134
B.C.	1,463,376	45,566	589,367	96,908	500,821	3,178,474
CANADA TOTAL	13,942,426	504,681	3,717,965	1,623,164	6,707,565	32,228,488

IMPORTS Into Canada Of Selected Petroleum Products, August 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
			barrels of 35 Canadian gallons			
Maritimes	-	204,573	74,675	453,467	799,077	1,802,014
Quebec	63,494	103,449	384,141	425,799	2,014,536	3,381,044
Ontario	-	-	98,634	144,973	662,539	1,185,859
Other	892	1,335	223	-	337,963	403,112
CANADA TOTAL	64,386	309,357	557,673	1,024,239	3,814,115	6,772,029

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December 16, 1966

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1. Preliminary Electric Energy Statistics, October 1966

Net generation of electric energy in Canada increased 8.4% to 13,619,312 thousand kwh in October 1966 from 12,568,525^r thousand kwh in October 1965. Output from hydro-electric plants increased 2.7% while thermal plant generation was up 38.2%. This reflects the below average stream flow conditions which were prevalent in most of the country during October. During the first ten months of 1966, net generation amounted to 128,581,418 thousand kwh., up 10.4% from the corresponding period in 1965. Hydro-electric generation in the January - October period increased 12.0% while generation from thermal plants rose 3.3%.

Imports in October 1966 were 2.4% higher than one year ago while exports increased 35.7% in the same month. Totals for the first ten months of 1966 compared with the same period in 1965 show that imports are down 22.6% while exports are up 14.8%.

Net generation during the twelve month period ending October 31, 1966 amounted to 154,972,173 thousand kwh. compared with 153,-921,386^r for the period ending in September.

^r Revised figure.

Preliminary Electric Energy Statistics

(thousand Kwh)

	October		
	1964	1965	1966
Net generation - Hydro	9,778,813	10,560,393	10,847,322
Thermal	2,003,670	2,008,132 ^r	2,771,990
Total net generation	11,782,483	12,568,525 ^r	13,619,312
Energy imported from U.S.A.	318,318	280,000	286,752
Energy exported to U.S.A.:			
Firm	66,986	52,125	49,105
Secondary	341,659	257,485	370,910
Total exported to U.S.A.	408,645	309,610	420,015
Net energy used in Canada	11,692,156	12,538,915 ^r	13,486,049
Secondary energy used in Canada	384,924 ^r	545,371 ^r	407,856
Firm energy used in Canada	11,307,232 ^r	11,993,544	13,078,193

Revised figures.

2. Refined Petroleum Products

Production of refined petroleum products increased 8.2% in September to 31,547,023 barrels from 29,155,874 in the same month last year, according to an advance release of data that will be contained in the September issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 10.0% in September to 31,811,841 barrels from 28,922,136 a year earlier. There was 1.0% more domestic crude at 18,229,484 barrels versus 18,045,082 and 24.9% more imported crude at 13,582,357 barrels versus 10,877,054. Domestic disappearance of finished petroleum products increased 9.5% to 36,124,541 barrels from 32,981,752 in the same month last year.

REFINERY PRODUCTION in Canada of Selected Petroleum Products, September 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	1,015,196	243,017	(2)	752,472	666,258	3,275,168
Quebec	3,140,788	350,545	1,076,441	2,285,656	1,621,516	9,849,069
Ontario	3,024,375	304,037	911,016	1,174,798	1,486,973	8,995,098
Manitoba	554,166	66,771	188,424	121,166	84,800	1,337,855
Saskatchewan	1,003,672	143,157	333,425	145,811	129,460	2,218,814
Alberta	1,239,175	14,645	415,921	220,765	126,530	2,567,177
N.W.T. and Yukon	12,644	-	20,794	14,482	19,186	81,877
B.C.	1,187,782	264,718	762,339	77,775	374,754	3,221,965
Canada total	11,177,798	1,386,890	3,708,360	4,792,925	4,509,477	31,547,023

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, September 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Newfoundland	171,691	70,916	226,430	82,873	248,368	939,015
Maritimes	793,148	147,287	278,962	308,240	1,031,602	2,925,322
Quebec	2,930,230	454,079	662,751	1,424,722	2,732,742	9,793,935
Ontario	4,452,239	314,474	620,604	1,299,839	1,894,640	10,504,968
Manitoba	734,883	33,936	254,197	46,953	38,137	1,388,458
Saskatchewan	1,265,535	70,688	379,373	41,642	31,560	2,083,281
Alberta	1,459,408	22,265	462,168	110,809	77,581	2,814,334
N.W.T. and Yukon	19,076	11,184	89,058	19,666	24,096	185,808
B.C.	1,314,808	81,465	729,836	222,030	639,787	3,435,708
Canada total	13,141,018	1,206,294	3,703,379	3,556,774	6,718,513	34,070,829

IMPORTS into Canada of Selected Petroleum Products, September 1966

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	46,896	-	206,277	77,462	832,477	1,249,386
Quebec	125,744	125,782	430,904	354,642	1,938,521	3,368,982
Ontario	72,868	-	89,517	297,783	155,167	912,932
All other	6,256	1,233	639	-	311,645	367,269
Canada total	251,764	127,015	727,337	729,887	3,237,810	5,898,569

3. Crude Oil Requirements for the year 1966

Crude oil requirements of Canadian oil refineries for 1966 are estimated to reach 381.8 million barrels or 1,046.1 thousand barrels per calendar day (M bbls/c.d.), an increase of 8.3% over the 352.6 million barrels for 1965 (965.9 M bbls/c.d.).

Requirements for domestic and export markets for Canadian produced crude oil are estimated to average 953.2 thousand barrels/day for 1966 while the first two months of 1967 requirements will surpass 1,000 thousand barrels per day level.

Crude oil imports for the year are estimated to increase 11.6% to 160.7 million barrels or 440.4 M bbls/c.d. compared to 144.0 million in 1965 (394.5 M bbls/c.d.). Domestic sources are estimated to provide Canadian refineries with 221.1 million barrels or 605.7 M bbls/c.d. an increase of 6.0% over the 208.6 million barrels (571.4 M bbls/c.d.) in 1965.

Actual refinery receipts of crude oil, as published in Refined Petroleum Products (Cat. 45-004) for the first nine months of 1966 were 282.3 million barrels or 1,034.0 M bbls/c.d., an increase of 7.1% over the 1965 receipts of 263.6 million barrels (965.7 M bbls/c.d.). Imports during this period were 117.8 million barrels or 431.4 M bbls/c.d. compared with 106.1 million barrels (388.6 M bbls/c.d.) in 1965 while receipts from domestic sources increased to 164.5 million barrels (602.6 M bbls/c.d.) from 157.5 million barrels (577.1 M bbls/c.d.) in 1965.

Imports of refined petroleum products during this same nine months period increased to 39.4 million barrels or 144.4 M bbls/c.d. in 1966 from 37.9 million barrels (138.9 M bbls/c.d.) in 1965.

CANADIAN CRUDE OIL REQUIREMENTS

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus, October 1966

	1966 actual 1 st 9 mos.	Anticipated			1966 full year	1967		Actual year 1965
		Oct.	Nov.	Dec.		Jan.	Feb.	
thousand barrels per calendar day								
By source:								
Domestic:								
Prairies	560.0	521.9	593.9	593.8	562.4	587.5	595.2	534.7
British Columbia	36.8	36.4	43.7	38.3	37.5	40.5	42.7	31.4
North West Territories ..	2.2	2.0	1.4	2.8	2.2	2.2	2.2	1.8
Ontario	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
Totals	602.6	563.9	642.6	638.5	605.7	633.8	643.7	571.4
Imported	431.4	448.7	503.3	450.4	440.4	467.6	486.6	394.5
Total requirements	1,034.0	1,012.6	1,145.9	1,088.9	1,046.1	1,101.4	1,130.3	965.9
Total requirements 1965	965.7	926.2	998.3	976.7	-	-	-	-
By location:								
Atlantic	111.4	112.1	134.2	102.8	112.6	116.0	116.2	103.5
Quebec	318.4	334.0	369.1	347.6	326.4	351.7	370.4	289.2
Ontario	313.7	295.9	327.9	334.1	315.1	324.9	332.1	301.4
Manitoba	38.7	42.1	45.7	45.3	40.1	46.3	45.8	39.4
Saskatchewan	65.5	33.2	63.3	64.5	62.5	68.1	65.3	58.4
Alberta	92.4	87.4	99.4	94.6	92.7	96.0	96.7	91.5
British Columbia	91.7	105.9	104.9	97.2	94.5	96.2	101.6	80.7
North West Territories	2.2	2.0	1.4	2.8	2.2	2.2	2.2	1.8
Total requirements	1,034.0	1,012.6	1,145.9	1,088.9	1,046.1	1,101.4	1,130.3	965.9
Export requirements(1)	336.2	367.6	380.4	395.0	347.5	314.1	422.2	294.9

(1) Reported by the pipeline companies.

4. Receipts and Disposition of Natural Gas by Source, September 1966

During September 1966 Transport and Distribution systems accounted for 78,002,130 Mcf of the total deliveries to gas utilities. The imports were 4,371,061 Mcf. The total supply to gas utilities for the month was 82,447,964 Mcf, an increase of 1.3% over the same month last year.

Disposition by gas utilities was as follows: 44.9% to ultimate customers, 37.9% exported, and the balance is accounted for as line pack fluctuation, other deliveries, gas used in system, line losses, cyclical billing adjustments and unaccounted for.

A more complete breakdown of these statistics is found in the Gas Utilities monthly publication, catalogue No. 55-002.

Receipt and Disposition of Natural Gas by Source

Receipts	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
Mcf							
By transport and distribution systems	6,543	799,545	3,048,984	62,199,271	11,947,787	...	78,002,130
Imports and other receipts	-	-	-	1,616	-	4,371,061	4,372,677
Received from storage	-	57,325	6,842	8,990	-	...	73,157
Total supply of gas utilities	6,543	856,870	3,055,826	62,209,877	11,947,787	4,371,061	82,447,964
<u>Disposition</u>							
Sales;							
British Columbia ..	-	-	-	943,725	5,009,259	-	5,952,984
Alberta	-	-	465	10,128,465	-	3,568	10,132,498
Saskatchewan	-	-	1,854,431	1,249,499	-	-	3,103,930
Manitoba	-	-	945,665	297,454	-	-	1,243,119
Ontario	-	583,016	-	9,069,872	-	4,367,493	14,020,381
Quebec	-	-	-	2,594,932	-	-	2,594,932
New Brunswick	3,866	-	-	-	-	-	3,866
Exports and other deliveries	-	-	-	24,859,426	6,559,380	-	31,418,806
Delivered to storage	-	-	1,908	7,163,409	-	-	7,165,317
Linepack fluctuation, gas used in system, line losses and un- accounted for	2,677	273,854	253,357	5,903,095	379,148	-	6,812,131
Total demand on gas utilities	6,543	856,870	3,055,826	62,209,877	11,947,787	4,371,061	82,447,964

... Figures not appropriate or not applicable.

5. Sales of Natural Gas September 1966

Total sales of natural gas to Canadian consumers by distributors for September 1966 were 37,051,710 Mcf. This was an increase of 4.9% over the same month last year.

Residential customers accounted for 14%, industrial customers 74% and commercial customers 12%.

The revenue from sales was \$20,697,482 for the month.

See catalogue No. 55-002 for more complete statistics of natural gas sales.

	Customers		Gas sold Mcf.	Revenue \$
	Space heating	Total		
	No.			
Residential:				
New Brunswick	100	2,015	2,757	9,427
Quebec	82,462	200,715	389,664	887,281
Ontario	489,999	635,915	2,025,956	2,891,644
Manitoba	88,866	91,766	281,290	361,724
Saskatchewan	96,981	100,987	397,652	487,952
Alberta	229,916	235,575	1,438,483	1,122,371
British Columbia	149,485	170,480	669,649	1,056,036
Canada	1,137,809	1,437,453	5,205,451	6,816,435
Industrial:				
New Brunswick	-	-	-	-
Quebec	-	2,345	2,068,310	922,969
Ontario	-	6,781	9,825,300	5,063,734
Manitoba	-	280	759,115	235,510
Saskatchewan	-	559	2,476,665	607,444
Alberta	-	747	7,437,357	1,367,832
British Columbia	-	268	4,849,767	2,027,203
Canada	-	10,980	27,416,514	10,224,692
Firm	-	10,467	21,264,607	7,812,523
Interruptible	-	513	6,151,907	2,412,169
Commercial:				
New Brunswick	-	53	1,109	2,506
Quebec	-	9,567	136,958	205,020
Ontario	-	53,328	2,169,125	2,055,987
Manitoba	-	8,089	202,714	162,690
Saskatchewan	-	13,519	229,613	157,283
Alberta	-	26,021	1,256,658	540,014
British Columbia	-	22,146	433,568	532,855
Canada	-	132,723	4,429,745	3,656,355
Total sales:				
New Brunswick	-	2,068	3,866	11,933
Quebec	-	212,627	2,594,932	2,015,270
Ontario	-	696,024	14,020,381	10,011,365
Manitoba	-	100,135	1,243,119	759,924
Saskatchewan	-	115,065	3,103,930	1,252,679
Alberta	-	262,343	10,132,498	3,030,217
British Columbia	-	192,894	5,952,984	3,616,094
Canada	-	1,581,156	37,051,710	20,697,482

. Figures not appropriate or not applicable.

SERVICE BULLETIN

dbos

ENERGY STATISTICS

For further information write to D.B.S. Industry Division, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

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Preliminary Note

Much of the information in the Service Bulletin consists of preliminary data which is published later in the regular reports and of summaries or selected statistics which are completed in greater detail in the regular publications. The catalogue of publications therefore offers a precise of this material which is listed by title along with the Catalogue number of the corresponding publication. Information which is not published in regular reports includes special material which is indexed by title and notes on statistical data. Where these notes are supplementary to a regular publication, the catalogue number will be given.

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1. Coal and Coke Statistics, October 1966

Coal production for the month of October amounted to 1,032,518 tons, an increase of 4.2% over the October 1965 production of 991,317¹ tons, while landed imports were 1,808,668 tons; a decrease of 381,881 tons from October 1965. Consumption of coal and coke by industrial consumers amounted to 1,445,397 tons and 494,863 tons respectively, an increase of 254,440 tons and 12,639 tons from last year. This increase is primarily attributable to a 38% increase in thermal electric generation over October 1965. Industrial consumers' stocks of coal and coke increased 20% to 6,377,726 tons in October 1966 from 5,327,718 tons in October 1965.

Coke production during the month of October 1966 increased to 383,845 tons from 369,380 tons in October 1965 while coke used in blast furnaces increased to 343,029 tons from 320,511 tons during the same period.

October 1966

Coal					Coke		
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
tons							
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	322,930	62,947	381,026	90,081	21,926	27,937	-
New Brunswick	81,363	-	80,578	69,371	82,384	-	-

2. Natural Gas Statistics, October 1966

During October Transport and Distribution systems received 95,480,027 Mcf. of receipts from domestic sources; imports were 2,299,155 Mcf. The total supply to gas utilities for the month was 100,099,793 Mcf, an increase of 13.8% over the same month last year.

Total sales of natural gas to Canadian consumers by distributors for October 1966 were 46,926,385 Mcf. This was an increase of 7.7% over the same month last year.

Residential customers accounted for 22.2%, industrial customers 62.8% and commercial customers 15.0%.

The revenue from sales was \$29,356,516 for the month.

A more complete breakdown of these statistics is found in the Gas Utilities monthly publication, catalogue No. 55-002 to be released shortly.

Receipt and Disposition of Natural Gas by Source

Receipts	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
By transport and distribution systems	7,209	1,079,162	3,378,380	75,936,586	15,078,690	...	95,480,027
Imports and other receipts	-	-	-	1,745	-	2,299,155	2,300,900
Received from storage	-	1,852,150	168,629	298,087	-	-	2,318,866
Total supply of gas utilities ..	7,209	2,931,312	3,547,009	76,236,418	15,078,690	2,299,155	100,099,793
<u>Disposition</u>							
Sales:							
British Columbia ...	-	-	-	1,394,011	5,894,334	-	7,288,345
Alberta	-	-	3,075	13,598,693	-	9,063	13,610,831
Saskatchewan	-	-	489,972	3,073,107	-	-	3,563,079
Manitoba	-	-	694,632	1,467,374	-	-	2,162,006
Ontario	-	2,393,016	-	13,018,238	-	2,290,092	17,701,346
Quebec	-	-	-	2,596,566	-	-	2,596,566
New Brunswick	4,212	-	-	-	-	-	4,212
Exports and other deliveries	-	-	-	29,365,012	8,311,282	-	37,676,294
Delivered to storage	-	-	482,929	1,121,513	-	-	1,604,442
Linepack fluctuation, gas used in system, line losses and unaccounted for	2,997	538,296	1,876,401	10,601,904	873,074	-	13,892,672
Total demand on gas utilities ..	7,209	2,931,312	3,547,009	76,236,418	15,078,690	2,299,155	100,099,793

Sales of Natural Gas

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	100	2,060	3,049	10,619
Quebec	83,681	201,674	701,875	1,326,146
Ontario	495,907	642,005	4,269,008	5,718,626
Manitoba	89,794	92,643	737,837	948,858
Saskatchewan	103,571	107,851	783,678	747,066
Alberta	231,307	237,313	2,401,875	1,517,732
British Columbia	151,073	171,914	1,535,619	2,421,671
Canada	1,155,433	1,455,460	10,432,941	12,690,718
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,365	1,681,483	928,637	
Ontario	6,872	10,392,399	5,672,939	
Manitoba	281	890,673	276,109	
Saskatchewan	561	2,405,521	555,865	
Alberta	755	8,982,738	1,651,125	
British Columbia	252	5,126,592	2,142,915	
Canada	11,086	29,479,406	11,227,590	
Firm	10,564	23,069,738	8,707,398	
Interruptible	522	6,409,668	2,520,192	
Commercial:				
New Brunswick	55	1,163	2,581	
Quebec	9,621	213,208	302,643	
Ontario	54,347	3,039,939	2,826,364	
Manitoba	8,217	533,496	428,399	
Saskatchewan	13,912	373,880	228,236	
Alberta	26,229	2,226,218	880,466	
British Columbia	22,463	626,134	769,519	
Canada	134,844	7,014,038	5,438,208	
Total sales:				
New Brunswick	2,115	4,212	13,200	
Quebec	213,660	2,596,566	2,557,426	
Ontario	703,224	17,701,346	14,217,929	
Manitoba	101,141	2,162,006	1,653,366	
Saskatchewan	122,324	3,563,079	1,531,167	
Alberta	264,297	13,610,831	4,049,323	
British Columbia	194,629	7,288,345	5,334,105	
Canada	1,601,390	46,926,385	29,356,516	

3. Crude Petroleum and Natural Gas Production

March 1966

The production of crude petroleum and equivalent hydrocarbon during March 1966 amounted to 29,204,075 barrels, 942,067 barrels/day, an increase of 5.5 per cent or 48,963 barrels per day from March 1965. The production figures for all petroleum liquids for the two years are as follows:

	March 1965		March 1966	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates	25.2	812,903	26.8	863,198
Pentanes plus	2.5	80,645	2.4	78,869
Propanes and butanes	1.5	48,387	1.7	56,413
Totals	29.2	941,935	30.9	998,480

The disposition of crude and equivalent for March 1966 was 18.7 million barrels (64.2 per cent) to Canadian refineries and 10.3 million barrels (35.2 per cent) was exported. The difference of 0.6 per cent between supply and sales is accounted for by inventory changes. Imported crude petroleum for the same period amounted to 14.1 million barrels (454,795 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 32.8 million barrels (1,059,412 barrels/day).

Natural gas production increased 4.8 per cent to 138,898,134 Mcf. from 132,599,151 Mcf. in March 1965. The disposition of natural gas for March 1966 is as follows; 15.1 million was net deliveries to storage and injection operations, 19.8 million was used, lost or unaccounted for in fields and processing plants and 38.0 million was exported: 30.0 million was sold to ultimate customers in the prairies, 25.5 million in Ontario, 7.8 million in British Columbia and 3.2 million in Quebec. The remaining (5.0) million Mcf. was accounted for by other deliveries, pipeline fuel losses and line pack fluctuations.

A Happy New Year
to all our subscribers

Supply and Disposition of Natural Gas by Source, Canada, March 1966

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	9,786	2,085,871	5,812,956
2	Less field flared and waste	-	-	1,276,871
3	Net new production (1 - 2)	9,786	2,085,871	4,536,085
4	Reproduced	-	-	-
5	Less injected and stored	-	-	-
6	Net withdrawals	9,786	2,085,871	4,536,085
	<u>Disposition</u>			
7	Field disposition and uses	249	-	261,722
8	Gathering system disposition and uses	-	-	- 15,122
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	168,482
9b	Other disposition and uses	-	-	284,383
10	Other uses	-	-	152,118
11	Adjustment	-	-	- 14,586
12	Deliveries of marketable gas	9,537	2,085,871	3,699,088
13	Total disposition	9,786	2,085,871	4,536,085
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	2,065,412
14b	Fields	9,537	2,085,871	1,633,676
15	Total (14a + 14b)	9,537	2,085,871	3,699,088
16	Receipts from distributor storage	-	3,639,385	433,373
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	9,537	5,725,256	4,132,461
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	-
21	Saskatchewan	-	-	3,981,637
22	Manitoba	-	-	711,799
23	Ontario	-	5,732,695	-
24	Quebec	-	-	-
25	New Brunswick	5,960	-	-
26	Total sales (19 to 25 inclusive)	5,960	5,732,695	4,693,436
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	134,153
30	Pipeline line pack fluctuation	-	-	9,594
31	Pipeline fuel	83	18,750	124,387
32	Pipeline losses etc.	3,494	- 26,189	- 829,109
33	Total disposition of marketable gas (26 to 32 inclusive)	9,537	5,725,256	4,132,461

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

Supply and Disposition of Natural Gas by Source, Canada, March 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
117,844,030	19,326,614	51,120	145,130,377	-	145,130,377	1
3,890,412	1,018,853	46,107	6,232,243	-	6,232,243	2
113,953,618	18,307,761	5,013	138,898,134	-	138,898,134	3
-	-	-	-	-	-	4
17,749,916	231,781	-	17,981,697	-	17,981,697	5
96,203,702	18,075,980	5,013	120,916,437	-	120,916,437	6
986,707	420,283	-	1,668,961	-	1,668,961	7
732,614	- 106	-	717,386	-	717,386	8
10,741,749	551,856	-	11,462,087	-	11,462,087	9a
4,721,414	1,472,845	-	6,478,642	-	6,478,642	9b
79,177	-	5,013	236,308	-	236,308	10
- 433,972	67,010	-	- 381,548	-	- 381,548	11
79,376,013	15,564,092	-	100,734,601	-	100,734,601	12
96,203,702	18,075,980	5,013	120,916,437	-	120,916,437	13
63,385,898	15,036,801	-	80,488,111	-	80,488,111	14a
15,990,115	527,291	-	20,246,490	-	20,246,490	14b
79,376,013	15,564,092	-	100,734,601	-	100,734,601	15
152,963	-	-	4,225,721	-	4,225,721	16
1,001	-	-	1,001	-	1,001	17
79,529,977	15,564,092	-	104,961,323	3,041,015	108,002,338	18
1,305,870	6,493,319	-	7,799,189	-	7,799,189	19
18,590,304	-	-	18,590,304	11,596	18,601,900	20
3,070,363	-	-	7,052,000	-	7,052,000	21
3,663,385	-	-	4,375,184	-	4,375,184	22
16,716,524	-	-	22,449,219	3,029,419	25,478,638	23
3,166,787	-	-	3,166,787	-	3,166,787	24
-	-	-	5,960	-	5,960	25
46,513,233	6,493,319	-	63,438,643	3,041,015	66,479,658	26
29,355,407	8,665,510	-	38,020,917	-	38,020,917	27
265,730	-	-	265,730	-	265,730	28
1,160,956	-	-	1,295,109	-	1,295,109	29
28,596	23,020	-	61,210	-	61,210	30
3,694,911	602,973	-	4,441,104	-	4,441,104	31
- 1,488,856	- 220,730	-	- 2,561,390	-	- 2,561,390	32
79,529,977	15,564,092	-	104,961,323	3,041,015	108,002,338	33

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
Supply										
Domestic production:										
Crude oil	476	102,500	383,369	7,115,245	16,326,391	1,243,354	56,967	25,228,302	...	25,228,302
Less returned to formation	-	-	-	-	548,996	-	-	548,996	...	548,996
Condensate	-	-	-	-	54,697	3,853	-	58,550	...	58,550
Pentanes plus	-	-	-	11,151	2,186,273	77,878	-	2,275,302	...	2,275,302
Net withdrawals	476	102,500	383,369	7,126,396	18,018,365	1,325,085	56,967	27,013,158	...	27,013,158
Imports .....	...	...	...	...	...	...	...	...	11,955,860	11,955,860
Total supply	476	102,500	383,369	7,126,396	18,018,365	1,325,085	56,967	27,013,158	11,955,860	38,969,018
Disposition										
Deliveries to refineries:										
Atlantic Provinces	476	-	-	-	-	-	-	476	3,378,590	3,379,066
Quebec	-	-	-	-	-	-	-	-	8,564,288	8,564,288
Ontario	-	102,500	383,010	4,166,735	4,152,427	-	-	8,804,672	-	8,804,672
Manitoba	-	-	22,233	853,789	270,040	-	-	1,146,062	-	1,146,062
Saskatchewan	-	-	-	183,479	1,516,647	-	-	1,700,126	-	1,700,126
Alberta	-	-	-	56,212	2,592,428	-	-	2,648,640	-	2,648,640
British Columbia	-	-	-	-	1,495,946	1,193,173	-	2,689,119	-	2,689,119
Northwest Territories	-	-	-	-	-	-	53,053	53,053	-	53,053
Totals	476	102,500	405,243	5,260,215	10,027,488	1,193,173	53,053	17,042,148	11,942,878	28,985,026
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains	-	-	-	-	4,383,642	375,221	-	4,758,863	-	4,758,863
East of Rocky Mountains	-	-	-	-	403,763	-	-	403,763	-	403,763
Great Lakes Area	-	-	-	2,013,800	2,901,243	-	-	4,915,043	-	4,915,043
Totals	-	-	-	2,013,800	7,688,648	375,221	-	10,077,669	-	10,077,669
Deliveries to other purchasers ..	-	-	-	989	4,519	-	-	5,508	-	5,508
Inventories:										
Opening - Field and plant	-	-	98,587	499,031	1,086,249	64,162	50,990	1,799,019	-	1,799,019
Transporters'	-	-	14,382	4,895,995	16,337,293	1,468,629	-	22,716,299	382,231	23,098,530
Closing - Field and plant	-	-	86,682	473,105	954,989	56,580	54,904	1,626,260	-	1,626,260
Transporters'	-	-	14,655	4,806,788	16,620,724	1,230,623	-	22,672,790	390,224	23,063,014
Net change	-	-	- 11,632	- 115,133	152,171	- 245,588	3,914	- 216,268	7,993	- 208,275
Pipeline fuel	-	-	-	-	35,617	-	-	35,617	-	35,617
Field and plant use	-	-	-	710	30,324	- 5,055	-	25,979	-	25,979
Losses and adjustments	-	-	- 10,242	- 34,185	79,598	7,334	-	42,505	4,989	47,494
Total disposition	476	102,500	383,369	7,126,396	18,018,365	1,325,085	56,967	27,013,158	11,955,860	38,969,018

... Figures not appropriate or not applicable.

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
Supply										
Domestic production:										
Crude oil	400	113,691	436,054	7,927,821	17,484,824	1,363,308	65,320	27,391,418	...	27,391,418
Less returned to formation	-	-	-	-	688,197	-	-	688,197	...	688,197
Condensate	-	-	-	-	51,442	4,486	-	55,928	...	55,928
Pentanes plus	-	-	-	14,550	2,337,501	92,875	-	2,444,926	...	2,444,926
Net withdrawals	400	113,691	436,054	7,942,371	19,185,570	1,460,669	65,320	29,204,075	...	29,204,075
Imports .....	...	...	...	...	...	...	...	...	14,095,077	14,095,077
Total supply	400	113,691	436,054	7,942,371	19,185,570	1,460,669	65,320	29,204,075	14,095,077	43,299,152
Disposition										
Deliveries to refineries:										
Atlantic Provinces	400	-	-	-	-	-	-	400	4,000,370	4,000,770
Quebec	-	-	-	-	-	-	-	-	10,098,277	10,098,277
Ontario	-	113,691	431,666	4,635,396	4,440,720	-	-	9,621,473	-	9,621,473
Manitoba	-	-	21,805	886,782	254,477	-	-	1,163,064	-	1,163,064
Saskatchewan	-	-	-	114,535	1,850,930	-	-	1,965,465	-	1,965,465
Alberta	-	-	-	57,109	2,838,735	-	-	2,895,844	-	2,895,844
British Columbia	-	-	-	-	1,697,213	1,335,489	-	3,032,702	-	3,032,702
Northwest Territories	-	-	-	-	-	-	64,171	64,171	-	64,171
Totals	400	113,691	453,471	5,693,822	11,082,075	1,335,489	64,171	18,744,119	14,098,647	32,841,766
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains	-	-	-	-	4,513,423	159,351	-	4,672,774	-	4,672,774
East of Rocky Mountains	-	-	-	-	431,895	-	-	431,895	-	431,895
Great Lakes Area	-	-	-	2,103,274	3,070,879	-	-	5,174,153	-	5,174,153
Totals	-	-	-	2,103,274	8,016,197	159,351	-	10,278,822	-	10,278,822
Deliveries to other purchasers ..	-	-	-	272	7,829	-	-	8,101	-	8,101
Inventories:										
Opening - Field and plant	-	-	86,682	473,105	954,989	56,580	54,904	1,626,260	-	1,626,260
Transporters'	-	-	14,655	4,806,788	16,620,724	1,230,623	-	22,672,790	390,224	23,063,014
Closing - Field and plant	-	-	79,918	452,084	804,987	57,913	56,053	1,450,955	-	1,450,955
Transporters'	-	-	13,355	5,026,030	16,610,476	1,176,019	-	22,825,880	381,352	23,207,232
Net change	-	-	- 8,064	198,221	- 160,250	- 53,271	1,149	- 22,215	- 8,872	- 31,087
Pipeline fuel	-	-	-	-	23,096	-	-	23,096	-	23,096
Field and plant use	-	-	-	-	34,196	- 1,466	-	32,730	-	32,730
Losses and adjustments	-	-	- 9,353	- 53,218	182,427	20,566	-	140,422	5,302	145,724
Total disposition	400	113,691	436,054	7,942,371	19,185,570	1,460,669	65,320	29,204,075	14,095,077	43,299,152

... Figures not appropriate or not applicable.

... Figures not appropriate or not applicable.

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1. Fossil Fuel Production and Value 1965-1966 (Preliminary Estimates)

The total value of fossil fuel production for 1966 is estimated to reach an all time high of \$1,165,144,750.00, 8.2 per cent above last years \$1.076 billion. With the exception of coal, production and value of all fossil fuel commodities increased. Alberta contributed the largest portion with 68.8% of Canadian production value, followed by Saskatchewan with 19.4%. British Columbia with 5.5% and Nova Scotia 3.7 per cent.

Crude oil was the leading commodity accounting for over 2/3 of the total, and assured Alberta of the dominant position they enjoy in fossil fuel production in Canada. Natural gas accounted for 17.1 per cent and natural gas by-products condensate, pentanes plus, propane and butane, for an additional 8.5 per cent, both of which enhanced Alberta's dominance in production. In coal, Nova Scotia was the leading producer both in volume and value, followed by Alberta and Saskatchewan with relatively large volumes of low unit value coal.

Natural gas was produced commercially in Quebec in 1966 for the first time.

Fossil Fuel Production 1965-66

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.
<u>1965</u>							
Oil	ton	-	-	4,134,161	996,328		
	\$	-	-	45,486,833	8,637,619		
Natural gas	Mcf.	-	-	-	105,359	12,699,483	-
	\$	-	-	-	99,617	4,856,125	-
Natural gas - By products	\$	-	-	-	-	-	-
Crude petroleum	bbl.	-	-	-	4,103	1,279,162	4,946,509
	\$	-	-	-	5,744	4,093,318	12,252,503
Total fuels	\$		45,486,833	8,742,980		8,949,443	12,252,503

<u>1966</u>							
Oil	ton	-	-	3,900,000	900,000		
	\$	-	-	42,800,000	7,800,000		
Natural gas	Mcf.	-	-	-	98,000	3,000	15,068,000
	\$	-	-	-	92,600	450	5,762,000
Natural gas - By products	\$	-	-	-	-	-	-
Crude petroleum	bbl.	-	-	-	6,200	1,332,000	5,257,000
	\$	-	-	-	8,700	4,263,000	13,022,000
Total fuels	\$		42,800,000	7,901,300	450	10,025,000	13,022,000
		Sask.	Alta.	B.C.	Yukon	N.W.T.	Canada

<u>1965</u>							
Oil	ton	2,063,933	3,413,928	971,465	8,801	-	11,588,616
	\$	3,715,385	12,173,846	5,801,817	85,626	-	75,901,126
Natural gas	Mcf.	42,770,997	1,228,651,291	161,084,296	-	43,068	1,445,354,494
	\$	4,850,017	162,426,142	14,375,470	-	18,088	186,625,459
Natural gas - By products	\$	2,289,958	86,769,061	3,318,844	-	-	92,377,863
Crude petroleum	bbl.	87,775,205	184,155,689	13,502,539	-	644,998	292,308,205
	\$	200,478,568	474,385,000	29,759,595	-	614,941	721,589,669
Total fuels	\$	211,333,928	735,754,049	53,255,726	85,626	633,029	1,076,494,117

<u>1966</u>							
Oil	ton	2,030,000	3,410,000	1,054,000	6,000	-	11,300,000
	\$	3,650,000	12,450,000	6,300,000	60,000	-	73,060,000
Natural gas	Mcf.	47,918,000	1,293,829,000(2)	190,841,000	-	45,000	1,547,802,000
	\$	5,433,000	170,914,000	17,030,000	-	19,000	199,251,050
Natural gas - By products	\$	2,414,000	93,439,000	3,399,000	-	-	99,252,000
Crude petroleum	bbl.	93,786,000	203,500,000(1)	16,749,000	-	787,000	321,417,200
	\$	214,207,000	524,421,000	36,910,000	-	750,000	793,581,700
Total fuels	\$	225,704,000	801,224,000	63,639,000	60,000	769,000	1,165,144,750

Does not include amounts returned to formation.
Includes gas for recycling, pressure maintenance and delivered to field storage.

2. Oil Pipeline Transport, 1965

The oil pipeline industry recorded new highs in its operations in 1965 according to summary statistics released today. Net receipts of crude oil increased 5.9% while receipts of crude oil and products increased 5.2% to an average of 1,320,000 barrels per day. Operating revenue reached an all-time high of 146 million dollars and profits after taxes were 55.5 million dollars. Total oil pipeline mileage increased to over 12,000 miles and total traffic exceeded 200 billion barrel miles. Employee earnings reached \$10.9 million, an all time high.

Full details will be contained in Oil Pipeline Transport (Catalogue 55-201) which will be issued at a later date.

Oil Pipeline Transport - Selected Statistics

	1960	1961	1962	1963	1964	1965
Consumption by Canadian refineries of:						
Domestic production	149.3	157.2	173.6	186.2	199.5	208.6
Imports	126.8	133.2	135.4	146.6	143.9	144.0
Pipeline exports of domestic production ..	41.8	67.3	86.6	91.2	104.2	110.3
Net receipts into pipelines:						
Crude oil (domestic)	185.1	221.6	254.9	274.0	297.8	315.4
All commodities	315.5	352.5	387.5	431.1	459.8	483.6
Operating revenues	94.2	106.7	122.7	128.6	138.5	145.8
Operating expenses	22.9	24.6	28.1	30.4	32.1	34.5
Net income (after income tax)	23.5	30.7	35.7	39.3	46.0	55.5
Total fixed assets(1)	485.5	535.6	557.7	582.7	617.8	654.0
Long term debt	298.9	322.7	309.8	298.8	291.1	299.2
Barrel miles	119,109.2	147,032.1	166,208.1	175,492.6	191,241.6	203,999.4
Pipeline mileage:						
Gathering	2,775.4	3,164.4	3,494.3	3,681.5	3,792.2	4,055.7
Trunk-crude	4,472.8	5,202.6	5,458.3	5,811.5	6,257.4	6,564.5
Products lines	1,188.5	1,186.9	1,084.7	1,114.4	1,694.7	1,694.8
Totals	8,436.7	9,553.9	10,037.3	10,607.4	11,744.3	12,315.0
Average length of haul	390.4	426.8	438.6	410.5	421.7	424.5
Employees:						
Number	1,545	1,498	1,496	1,501	1,492	1,542
Earnings	9,639	9,579	9,934	10,324	10,665	10,929
(1) Before depreciation.						

Oil Pipeline Mileage by Provincial Size of Pipe in Service, as at December 31, 1965

	Diameter of pipe in inches				
	0-5.9	6-12.9	13-18.9	19 and over	Total
	miles				
Gathering lines:					
British Columbia	107.4	146.7	-	-	254.1
Alberta	1,620.6	810.7	10.5	-	2,441.8
Saskatchewan	639.5	584.7	-	-	1,224.2
Manitoba	105.8	29.8	-	-	135.6
Canada	2,473.3	1,571.9	10.5	-	4,055.7
Trunk lines crude oil:					
British Columbia	-	741.5	-	520.9	1,262.4
Alberta	153.4	1,739.4	315.7	645.8	2,854.3
Saskatchewan	22.5	210.8	404.6	733.4	1,371.3
Manitoba	-	86.8	264.7	280.2	631.7
Ontario	-	66.2	2.1	164.6	232.9
Quebec	-	72.9	70.8	68.2	211.9
Canada	175.9	2,917.6	1,057.9	2,413.1	6,564.5
Product lines:					
Yukon Territory	55.5	-	-	-	55.5
British Columbia	35.0	-	-	-	35.0
Alberta	123.2	2.5	-	-	125.7
Saskatchewan	-	384.0	-	-	384.0
Manitoba	-	194.5	-	-	194.5
Ontario	-	847.1	-	-	847.1
Quebec	-	53.0	-	-	53.0
Canada	213.7	1,481.1	-	-	1,694.8
Total - All lines:					
Yukon Territory	55.5	-	-	-	55.5
British Columbia	142.4	888.2	-	520.9	1,551.5
Alberta	1,897.2	2,552.6	326.2	645.8	5,421.8
Saskatchewan	662.0	1,179.5	404.6	733.4	2,979.5
Manitoba	105.8	311.1	264.7	280.2	961.8
Ontario	-	913.3	2.1	164.6	1,080.0
Quebec	-	125.9	70.8	68.2	264.9
Canada	2,862.9	5,970.6	1,068.4	2,413.1	12,315.0

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1. Refined Petroleum Products

Production of refined petroleum products increased 4.6% in October to 30, 869,193 barrels from 29,508,940 in the same month last year, according to an advance release of data that will be contained in the October issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 1.4% in October to 29,109,582 barrels from 28,713,161 a year earlier. There was 6.4% more domestic crude at 17,294,177 barrels versus 16,258,371 and, 5.1% less imported crude at 11,815,405 barrels versus 12,454,790. Domestic disappearance of finished petroleum products increased 4.9% to 37,364,160 barrels from 35,616,386 in the same month last year.

REFINERY PRODUCTION in Canada of Selected Petroleum Products, October 1966

	Motor gasoline	Kerosene stove oil	Diesel	Fuel Oil Light	Heavy	Total all products
Barrels of 35 Canadian gallons						
Newfoundland...	(1)	(1)	-	(1)	(1)	(1)
Maritimes.....	959,597	103,043	(2)	725,630	774,061	3,249,904
Quebec.....	3,115,044	465,962	1,229,577	2,133,697	1,855,145	9,833,049
Ontario.....	3,836,246	425,323	715,542	1,816,618	1,487,372	9,503,055
Manitoba.....	573,874	82,432	86,516	190,292	121,897	1,359,582
Saskatchewan...	444,625	32,221	-15,717	270,635	57,090	942,040
Alberta.....	1,273,281	35,826	384,900	312,768	146,793	2,693,596
B.C.....	1,318,169	173,412	898,271	122,321	430,999	3,281,974
N.W.T. and Yukon.....	-1,370	-	1,472	828	189	5,993
CANADA TOTAL...	11,519,466	1,318,219	3,300,561	5,572,789	4,873,546	30,869,193

(1) Included with Maritimes. (2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, October 1966

	Motor gasoline	Kerosene stove oil	Diesel	Fuel Oil Light	Heavy	Total all products
Barrels of 35 Canadian gallons						
Newfoundland	158,061	92,758	177,223	118,331	385,468	986,900
Maritimes	732,527	217,431	328,153	470,753	912,786	2,950,546
Quebec	2,866,114	471,889	704,717	1,924,299	3,351,091	10,816,064
Ontario	4,393,468	345,707	713,229	2,217,825	2,082,465	11,640,922
Manitoba	610,362	88,447	261,213	119,858	78,164	1,430,668
Saskatchewan	835,821	157,798	333,181	119,109	25,157	1,694,474
Alberta	1,214,910	35,208	463,883	88,296	57,158	2,494,199
B.C.	1,144,026	126,164	557,248	350,631	596,546	3,174,566
N.W.T. and Yukon	11,793	1,831	20,928	12,763	-14	59,251
CANADA TOTAL	11,967,082	1,537,233	3,559,775	5,421,865	7,488,821	35,247,590

IMPORTS into Canada of Selected Petroleum Products, October 1966

	Motor gasoline	Kerosene stove oil	Diesel	Fuel Oil Light	Heavy	Total all products
Barrels of 35 Canadian gallons						
Maritimes	-	-	-	166,334	741,485	1,062,439
Quebec	357,620	201,504	542	553,532	2,242,096	4,113,557
Ontario	21,336	-	1,660	97,246	285,203	698,672
All other	657	619	1,687	133,154	403,344	705,319
CANADA TOTAL	379,613	202,123	3,889	950,266	3,672,128	6,579,987

2. Crude Petroleum and Natural Gas Production, April 1966

The production of crude petroleum and equivalent hydrocarbon during April 1966 amounted to 27,762,424 barrels (925,414 barrels/day), an increase of 10.4% or 86,892 barrels per day from April 1965 according to preliminary statistics.

Natural gas net production increased 5.7% to 123,769,142 Mcf. from 117,107,356 in April 1965, and net withdrawals from fields were 106,037,700 Mcf.

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
Supply										
barrels of 35 Canadian gallons										
Domestic production:										
Crude oil	434	113,874	423,291	7,617,522	16,469,863	1,316,791	70,652	26,012,427	...	26,012,427
Less returned to formation	-	-	-	-	657,678	-	-	657,678	...	657,678
Condensate	-	-	-	-	59,707	3,520	-	63,227	...	63,227
Pentanes plus	-	-	-	14,171	2,250,813	79,464	-	2,344,448	...	2,344,448
Net withdrawals	434	113,874	423,291	7,631,693	18,122,705	1,399,775	70,652	27,762,424	...	27,762,424
Imports .....	...	...	...	...	...	...	...	...	...	...
Total supply	434	113,874	423,291	7,631,691	18,122,705	1,399,775	70,652	27,762,424	12,017,691	12,017,691
Disposition										
Deliveries to refineries:										
Atlantic Provinces	434	-	-	-	-	-	-	434	2,930,634	2,931,068
Quebec	-	-	-	-	-	-	-	-	9,097,148	9,097,148
Ontario	-	113,874	403,163	4,713,119	4,196,584	-	-	-	9,426,730	9,426,730
Manitoba	-	-	12,478	51,986	595,377	-	-	1,148,841	-	1,148,841
Saskatchewan	-	-	238,384	238,384	1,697,287	-	-	1,935,671	-	1,935,671
Alberta	-	-	-	3,669	2,522,458	-	-	2,576,127	-	2,576,127
British Columbia	-	-	-	1,811,693	1,088,648	-	-	2,900,341	-	2,900,341
Northwest Territories	-	-	-	-	-	-	70,350	70,350	-	70,350
Totals	434	113,874	415,641	5,546,148	10,823,399	1,088,648	70,350	18,062,494	12,027,782	30,090,276
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains	-	-	-	-	4,791,351	220,782	-	5,012,133	...	5,012,133
East of Rocky Mountains	-	-	-	-	405,656	-	-	405,656	...	405,656
Great Lakes Area	-	-	-	1,619,296	2,453,101	-	-	4,072,397	...	4,072,397
Totals	-	-	-	1,619,296	7,244,457	-	-	8,863,753	...	8,863,753
Deliveries to other purchasers ..	-	-	-	956	539	-	-	1,495	-	1,495
Inventories:										
Opening - Field and plant	-	-	79,918	452,084	879,988	57,913	56,053	1,525,956	-	1,525,956
Transporters'	-	-	13,355	5,026,030	16,610,476	1,176,019	-	22,825,880	381,352	23,207,232
Closing - Field and plant	-	-	88,148	437,270	977,781	58,768	52,355	1,614,322	-	1,614,322
Transporters'	-	-	13,886	5,510,962	16,078,080	1,286,628	-	22,859,576	367,242	23,226,818
Net change	-	-	8,701	470,138	-434,603	111,464	-3,698	152,062	-14,110	137,952
Pipeline fuel	-	-	-	-	21,555	-	-	21,555	-	21,555
Field and plant use	-	-	-	687	1,837	-2,717	-	2,807	-	2,807
Losses and adjustments	-	-	-1,111	-5,532	16,800	-18,402	-	31,615	4,019	35,634
Total disposition	434	113,874	423,291	7,631,693	18,122,705	1,399,775	70,652	27,762,424	12,017,691	39,780,115

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada,

No.		New Brunswick	Ontario	Saskatchewan
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	7,890	1,349,816	5,335,950
2	Less field flared and waste	-	-	1,458,070
3	Net new production (1 - 2)	7,890	1,349,816	3,877,880
4	Reproduced	-	-	-
5	Less injected and stored	-	-	-
6	Net withdrawals	7,890	1,349,816	3,877,880
	<u>Disposition</u>			
7	Field disposition and uses		-	216,316
8	Gathering system disposition and uses	-	-	105,860
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	147,724
9b	Other disposition and uses	-	-	201,770
10	Other uses	-	-	149,185
11	Adjustment	-	-	1,701
12	Deliveries of marketable gas	7,684	1,349,816	3,055,324
13	Total disposition	7,890	1,349,816	3,877,880
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	1,739,053
14b	Fields	7,684	1,349,816	1,316,271
15	Total (14a + 14b)	7,684	1,349,816	3,055,324
16	Receipts from distributor storage	-	799,342	177,214
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	7,684	2,149,158	3,232,538
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	-
21	Saskatchewan	-	-	-
22	Manitoba	-	-	3,401,354
23	Ontario	-	-	623,111
24	Quebec	-	2,459,518	-
25	New Brunswick	6,118	-	-
26	Total sales (19 to 25 inclusive)	6,118	2,459,518	4,024,465
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	85,271
30	Pipeline line pack fluctuation	-	-	2,046
31	Pipeline fuel	65	24,540	102,178
32	Pipeline losses etc.	1,501	-334,900	-981,422
33	Total disposition of marketable gas (26 to 32 inclusive)	7,684	2,149,158	3,232,538

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada,

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
107,659,202 4,529,871	16,316,093 917,480	72,156 66,544	130,741,107 6,971,965	...	130,741,107 6,971,965	1
103,129,331	15,398,613	5,612	123,769,142	...	123,769,142	2
17,605,695	125,747	-	17,731,442	...	17,731,442	3
85,523,636	15,272,866	5,612	106,037,700	...	106,037,700	4
592,966 625,215	510,410 -329	-	1,319,898 730,746	...	1,319,898 730,746	5
10,470,638 4,204,784 67,797	497,053 1,286,923 -	-	11,115,415 5,693,477 222,594	...	11,115,415 5,693,477 222,594	6
-3,133,117 72,695,353	-75,315 13,054,124	-	-3,206,731 90,162,301	...	-3,206,731 90,162,301	7
85,523,636	15,272,866	5,612	106,037,700	...	106,037,700	8
59,070,030 13,625,323	12,957,634 96,490	-	73,766,717 16,395,584	...	73,766,717 16,395,584	9a
72,695,353	13,054,124	-	90,162,301	...	90,162,301	9b
61,164 -1,960	-	-	1,037,720 -1,960	...	1,037,720 -1,960	10
72,754,557	13,054,124	-	91,198,061	3,917,293	95,115,354	11
667,332 15,711,593 2,684,090 2,851,824 17,200,602 2,507,996 -	5,711,820 - - - - - -	-	6,379,152 15,711,593 6,085,444 3,474,935 19,660,180 2,507,996 6,118	- 8,753 - - 3,908,540 - -	6,379,152 15,720,346 6,085,444 3,474,935 23,568,720 2,507,996 6,118	12
41,623,497	5,711,820	-	53,825,418	3,917,293	57,742,711	13
26,843,229 230,378 2,889,166 -190,648 3,648,942 -2,290,007	7,760,873 - - 30,436 307,066 -756,071	-	34,604,102 230,378 2,974,437 -158,166 4,082,791 -4,360,899	- - - - - -	34,604,102 230,378 2,974,437 -158,166 4,082,791 -4,360,899	14a
72,754,557	13,054,124	-	91,198,061	3,917,293	95,115,354	14b
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3. Installed Generating Capacity 1965-1966

Preliminary data indicate that 1,976 megawatts of new generating equipment were installed in Canada during 1966. Total installed capacity at the end of 1966 amounted to 31,264 megawatts, an increase of 6.7% over the previous year. The increase was almost evenly divided between hydro and thermal installations, the former accounting for 976 megawatts and the latter 1,000 megawatts. The largest increase in capacity occurred in Ontario where 820 megawatts were added followed by Quebec with 413 megawatts, Alberta with 259 megawatts, British Columbia with 203 megawatts and New Brunswick with 126 megawatts.

The largest increases in hydro electric generating capacity occurred in Hydro Quebec's Manicouagan 2 plant (254 Mw) and Manicouagan 1 plant (123 Mw), Calgary Power's Big Bend plant (162 Mw), Ontario Hydro's Kipling plant (125 Mw) and the Aluminum Company of Canada's Kemano plant (106 Mw).

Notable increases in fossil fuelled steam generating capacity included 300 Mw at Ontario Hydro's Lakeview station and 110 Mw at the Courtenay Bay plant of the New Brunswick Electric Power Commission. The 200 Mw Douglas Point nuclear fuelled steam plant was put into service late in 1966.

Installed Generating Capacity (Preliminary) at End of Years 1965 and 1966

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon & N.W.T.
nameplate rating in thousands of kilowatts (megawatts)												
<u>1965</u>												
Hydro.....	21,711	461	-	143	262	10,335	6,065	1,011	320	435	2,615	64
Steam - Fossil Fuel....	6,696	52	50	480	310	369	3,095	322	557	779	681	1
- Nuclear Fuel....	20	-	-	-	-	-	20	-	-	-	-	-
Internal Combustion....	369	18	7	8	10	29	33	9	37	41	156	21
Gas Turbine.....	492	-	-	-	-	36	79	4	53	143	175	2
1965 Total.....	29,288	531	57	631	582	10,769	9,292	1,346	967	1,398	3,627	88
<u>1966</u>												
Hydro.....	22,687	461	-	143	262	10,749	6,193	1,011	397	596	2,811	64
Steam - Fossil Fuel....	7,242	52	50	519	436	367	3,398	322	557	854	686	1
- Nuclear Fuel....	220	-	-	-	-	-	220	-	-	-	-	-
Internal Combustion....	373	18	7	8	10	30	33	9	35	44	158	21
Gas Turbine.....	742	25	-	-	-	36	268	4	69	163	175	2
1966 Total.....	31,264	556	57	670	708	11,182	10,112	1,346	1,058	1,657	3,830	88

For further information write to D.B.S. Industry Division, Ottawa, or telephone 992-6014 (Area Code 613)

\$5.00 A YEAR

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1. Crude Petroleum and Natural Gas Production

The production of crude petroleum and equivalent hydrocarbons during May, June, and July 1966 amounted to 28,305,995, 28,094,437, and 30,223,501 barrels respectively (913,096, 936,481, and 974,951 barrels/day). These were increases of 15.7%, 14.1%, and 16.0% or 123,611, 115,456, and 134,159 barrels/day from the same months of 1965 according to preliminary statistics.

Natural gas production in these same three months increased 10.7%, 2.9%, and 8.0% to 127,165,790, 110,062,349, and 107 427,976 Mcf. from 114,884,732, 106,981,261, and 99,453,559 Mcf.

barrels of 35 Canadian gallons									
	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources
Supply									
Domestic production:									
Crude oil	579	118,282	441,411	7,832,635	16,820,496	1,406,516	43,349	26,663,268	...
Less returned to formation	-	-	-	-	794,820	-	-	794,820	...
Condensate	-	-	-	-	63,792	2,039	-	65,831	...
Pentanes plus	-	-	-	18,966	2,292,846	59,904	-	2,71,716	...
Net withdrawals	579	118,282	441,411	7,851,611	18,382,314	1,468,459	43,349	28,305,995	...
Imports .....	...	...	...	...	...	...	...	...	...
Total supply	579	118,282	441,411	7,851,601	18,382,314	1,468,459	43,349	28,305,995	11,762,420
Disposition									
Deliveries to refineries:									
Atlantic Provinces	579	-	-	-	-	-	-	579	2,811,948
Quebec	-	-	-	-	-	-	-	-	8,837,419
Ontario	-	118,282	430,752	5,652,283	3,626,326	-	-	9,827,643	112,416
Manitoba	-	-	13,199	316,932	316,660	-	-	646,791	-
Saskatchewan	-	-	-	460,311	1,471,017	-	-	1,931,328	-
Alberta	-	-	-	28,548	2,734,085	-	-	2,762,633	-
British Columbia	-	-	-	-	1,489,125	1,208,111	-	2,697,236	-
Northwest Territories	-	-	-	-	-	-	16,345	16,345	-
Totals	579	118,282	443,951	6,458,074	9,637,213	1,208,111	16,345	17,882,555	11,761,783
Exports to U.S.A.:									
Northwest Area:									
West of Rocky Mountains	-	-	-	-	4,803,349	308,947	-	5,112,296	-
East of Rocky Mountains	-	-	-	-	439,760	-	-	439,760	-
Great Lakes Area	-	-	-	1,914,198	2,840,276	-	-	4,754,474	-
Totals	-	-	-	1,914,198	8,083,385	308,947	-	10,306,530	-
Deliveries to other purchasers ..	-	-	-	345	7,433	-	-	7,778	-
Inventories:									
Opening - Field and plant	-	-	88,148	437,270	977,781	58,768	52,355	1,614,322	-
Transporters'	-	-	13,886	5,510,982	16,078,080	1,286,628	-	22,889,576	-
Closing - Field and plant	-	-	83,459	401,963	924,269	61,105	79,359	1,550,155	-
Transporters'	-	-	14,584	5,019,406	16,807,595	1,138,309	-	22,979,894	-
Net change	-	-	- 3,991	- 526,883	676,003	- 145,982	27,004	26,151	119
Pipeline fuel	-	-	-	-	27,330	-	-	27,330	-
Field and plant use	-	-	-	-	8,565	- 3,591	-	7,817	-
Losses and adjustments	-	-	1,451	3,024	- 57,615	100,974	-	47,834	518
Total disposition	579	118,282	441,411	7,851,601	18,382,314	1,468,459	43,349	28,305,995	11,762,420
									40,068,415

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, May 1966

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	7,694	1,194,668	4,915,446
2	Less field flared and waste	-	-	1,494,893
3	Net new production (1 - 2)	7,694	1,194,668	3,420,553
4	Reproduced	-	-	-
5	Less injected and stored	-	-	-
6	Net withdrawals	7,694	1,194,668	3,420,553
	<u>Disposition</u>			
7	Field disposition and uses	202	-	253,447
8	Gathering system disposition and uses	-	-	119,384
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	147,389
9b	Other disposition and uses	-	-	186,197
10	Other uses	-	-	175,579
11	Adjustment	-	-	10,899
12	Deliveries of marketable gas	7,492	1,194,668	2,527,658
13	Total disposition	7,694	1,194,668	3,420,553
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	1,752,651
14b	Fields	7,492	1,194,668	775,007
15	Total (14a + 14b)	7,492	1,194,668	2,527,658
16	Receipts from distributor storage	-	240,741	27,926
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	7,492	1,435,409	2,555,584
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	-
21	Saskatchewan	-	-	2,686,448
22	Manitoba	-	-	726,761
23	Ontario	-	1,727,219	-
24	Quebec	-	-	-
25	New Brunswick	5,091	-	-
26	Total sales (19 to 25 inclusive)	5,091	1,727,219	3,413,209
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	383,929
30	Pipeline line pack fluctuation	-	-	5,438
31	Pipeline fuel	50	38,430	98,089
32	Pipeline losses etc.	2,351	-330,240	-1,345,081
33	Total disposition of marketable gas (26 to 32 inclusive)	7,492	1,435,409	2,555,584

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, May 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
113,153,852	14,698,895	45,421	134,015,976	...	134,015,976	1
4,257,307	1,056,551	41,435	6,850,186	...	6,850,186	2
108,896,545	13,642,344	3,986	127,165,790	...	127,165,790	3
-	-	-	-	...	-	4
18,451,495	443,448	-	18,894,943	...	18,894,943	5
90,445,050	13,198,896	3,986	108,270,847	...	108,270,847	6
514,498	172,627	-	940,774	...	940,774	7
591,424	435	-	711,243	...	711,243	8
10,498,554	326,735	-	10,972,678	...	10,972,678	9a
4,606,998	1,473,969	-	6,267,164	...	6,267,164	9b
76,915	-	3,986	256,480	...	256,480	10
3,761,034	-13,020	-	3,758,913	...	3,758,913	11
70,395,627	11,238,150	-	85,363,595	...	85,363,595	12
90,445,050	13,198,896	3,986	108,270,847	...	108,270,847	13
58,981,945	11,001,174	-	71,735,770	...	71,735,770	14a
11,413,682	236,976	-	13,627,825	...	13,627,825	14b
70,395,627	11,238,150	-	85,363,595	...	85,363,595	15
19,964	-	-	288,631	...	288,631	16
-313	-	-	-313	...	-313	17
70,415,278	11,238,150	-	85,651,913	4,011,532	89,663,445	18
1,053,787	4,268,750	-	5,322,537	-	5,322,537	19
13,337,087	-	-	13,337,087	4,730	13,341,817	20
2,529,783	-	-	5,216,231	-	5,216,231	21
2,271,239	-	-	2,998,000	-	2,998,000	22
14,757,892	-	-	16,485,111	4,006,802	20,491,913	23
2,377,781	-	-	2,377,781	-	2,377,781	24
-	-	-	5,091	-	5,091	25
36,327,569	4,268,750	-	45,741,838	4,011,532	49,753,370	26
27,911,652	7,054,246	-	34,965,898	-	34,965,898	27
182,508	-	-	182,508	-	182,508	28
5,729,002	-	-	6,112,931	-	6,112,931	29
-54,739	-3,615	-	-52,916	-	-52,916	30
3,856,367	215,100	-	4,208,036	-	4,208,036	31
-3,537,081	-296,331	-	-5,506,382	-	-5,506,382	32
70,415,278	11,238,150	-	85,651,913	4,011,532	89,663,445	33

barrels of 35 Canadian gallons

Supply											
New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources		
Domestic production:											
Crude oil	680	111,596	432,727	7,729,938	16,623,844	1,342,476	59,606	26,301,867	...	26,301,867	
Less returned to formation	-	-	-	-	469,558	-	-	469,558	...	469,558	
Condensate	-	-	-	-	49,002	2,979	-	51,981	...	51,981	
Pentanes plus	-	-	-	22,825	2,107,561	79,761	-	2,210,147	...	2,210,147	
Net withdrawals	680	111,596	432,727	7,752,763	16,310,849	1,446,216	59,606	28,094,437	...	28,094,437	
Imports .....	...	...	...	...	...	...	...	...	...	...
Total supply	680	111,596	432,727	7,752,763	16,310,849	1,446,216	59,606	28,094,437	12,751,717	12,751,717	
Disposition											
Deliveries to refineries:											
Atlantic Provinces	680	-	-	-	-	-	-	3,019,832	3,019,832	3,019,832	
Quebec	-	-	-	-	-	-	-	9,608,607	9,608,607	9,608,607	
Ontario	-	111,596	193,564	4,740,222	4,376,392	-	-	74,533	74,533	74,533	
Manitoba	-	-	12,709	500,992	634,365	-	-	1,148,066	1,148,066	1,148,066	
Saskatchewan	-	-	-	409,904	474,508	-	-	824,412	824,412	824,412	
Alberta	-	-	-	1,621	4,041,616	-	-	4,083,237	4,083,237	4,083,237	
British Columbia	-	-	-	-	1,331,933	-	-	2,363,258	2,363,258	2,363,258	
Northwest Territories	-	-	-	-	-	-	-	82,376	82,376	82,376	
Totals	680	111,596	206,273	5,722,739	10,822,814	1,447,325	59,606	18,013,813	12,702,872	30,716,775	
Exports to U.S.A.:											
Northwest Area:	-	-	-	-	-	-	-	-	-	-	
West of Rocky Mountains	-	-	-	-	4,760,832	245,72	-	5,011,44	5,011,44	5,011,44	
East of Rocky Mountains	-	-	-	-	41,610	-	-	41,610	41,610	41,610	
Great Lakes Area	-	-	189,247	1,995,171	2,908,302	-	-	5,003,52	5,003,52	5,003,52	
Totals	-	-	189,249	1,995,171	2,908,302	45,332	-	10,516,736	-	10,516,736	
Deliveries to other purchasers ..											
Inventories:	-	-	-	277	8,903	-	-	9,180	-	9,180	
Opening - Field and plant	-	-	83,683	401,963	924,269	51,105	-	1,510,379	-	1,550,379	
Transporters'	-	-	14,584	5,019,406	16,809,776	1,138,309	79,319	22,982,079	367,361	23,349,436	
Closing - Field and plant	-	-	80,589	414,197	879,542	54,103	56,599	1,485,020	-	1,485,020	
Transporters'	-	-	54,707	5,028,168	16,099,496	1,391,909	-	22,574,300	415,085	22,989,385	
Net change	-	-	37,029	21,016	-755,007	246,598	-22,770	-473,134	47,724	-425,410	
Pipeline fuel	-	-	-	-	29,560	-	-	29,560	-	29,560	
Field and plant use	-	-	-	2,440	12,038	-2,982	-	11,498	-	11,498	
Losses and adjustments	-	-	176	1,120	105,797	-120,297	-	-13,204	1,021	-12,183	
Total disposition	680	111,596	432,727	7,752,763	16,310,849	1,446,216	59,606	28,094,437	12,751,717	40,846,154	

.. Figures not appropriate or not applicable.

... Figures not appropriate or not applicable.

r. Revised

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, June 1966

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production			
2	Less field flared and waste	0,614	1,128,774	4,451,032
3	Net new production (1 - 2)	-	-	1,301,955
4	Reproduced	6,664	1,128,774	3,149,077
5	Less injected and stored	-	-	-
6	Net withdrawals	-	-	-
		6,664	1,128,724	3,149,077
	<u>Disposition</u>			
7	Field disposition and uses			
8	Gathering system disposition and uses	169	-	267,729
9	Processing plant disposition and uses:	-	-	64,307
9a	Processing shrinkage	-	-	-
9b	Other disposition and uses	-	-	163,778
10	Other uses	-	-	181,271
11	Adjustment	-	-	145,204
12	Deliveries of marketable gas	-	-	1,267
		6,495	1,128,724	2,325,521
13	Total disposition	6,664	1,128,724	3,149,077
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	1,610,421
14b	Fields	6,495	1,128,724	715,100
15	Total (14a + 14b)	6,495	1,128,724	2,325,521
16	Receipts from distributor storage	-	-	-
17	Other receipts(1)	-	-189,846	86,467
18	Total supply of marketable gas (15 + 16 + 17)	6,495	938,878	2,411,988
	<u>Disposition</u>			
	<u>Sales:</u>			
19	British Columbia	-	-	-
20	Alberta	-	-	-
21	Saskatchewan	-	-	-
22	Manitoba	-	-	2,058,959
23	Ontario	-	-	791,441
24	Quebec	-	1,312,158	-
25	New Brunswick	4,600	-	-
26	Total sales (19 to 25 inclusive)	4,600	1,312,158	2,850,400
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	-
30	Pipeline line pack fluctuation	-	-	455,215
31	Pipeline fuel	-	-	-4,659
32	Pipeline losses etc.	3	53,420	55,584
		1,892	-426,700	-944,552
33	Total disposition of marketable gas (26 to 32 inclusive)	6,495	938,878	2,411,988

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, June 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
98,640,101	12,695,527	50,805	116,972,853	...	116,972,853	1
4,594,554	966,780	47,215	6,910,504	...	6,910,504	2
94,045,547	11,728,747	3,590	110,062,349	...	110,062,349	3
-	-	-	-	...	-	4
18,013,718	133,340	-	18,147,058	...	18,147,058	5
76,031,829	11,595,407	3,590	91,915,291	...	91,915,291	6
143,522	234,668	-	646,088	...	646,088	7
239,962	-	-	304,269	...	304,269	8
9,995,722	416,896	-	10,576,396	...	10,576,396	9a
4,549,530	776,141	-	5,506,942	...	5,506,942	9b
71,049	-	3,590	219,843	...	219,843	10
-2,606,150	31,600	-	-2,573,283	...	-2,573,283	11
63,638,194	10,136,102	-	77,235,036	...	77,235,036	12
76,031,829	11,595,407	3,590	91,915,291	...	91,915,291	13
53,730,437	9,971,820	-	65,312,678	...	65,312,678	14a
9,907,757	164,282	-	11,922,358	...	11,922,358	14b
63,638,194	10,136,102	-	77,235,036	...	77,235,036	15
16,529	-	-	-86,850	...	-86,850	16
5,664	-	-	5,664	...	5,664	17
63,660,387	10,136,102	-	77,153,850	3,860,984	81,014,834	18
807,538	3,609,817	-	4,417,355	-	4,417,355	19
10,598,593	-	-	10,598,593	3,637	10,602,230	20
1,989,922	-	-	4,048,881	-	4,048,881	21
964,509	-	-	1,755,950	-	1,755,950	22
10,259,057	-	-	11,571,215	3,857,347	15,428,562	23
2,355,953	-	-	2,355,953	-	2,355,953	24
-	-	-	4,600	-	4,600	25
26,975,572	3,609,817	-	34,752,547	3,850,984	38,613,531	26
26,255,621	6,530,069	-	32,785,690	...	32,785,690	27
175,691	-	-	175,691	-	175,691	28
9,681,730	-	-	10,136,945	-	10,136,945	29
-135,278	-65,086	-	-205,023	-	-205,023	30
3,218,813	160,603	-	3,488,423	-	3,488,423	31
-2,511,762	-99,301	-	-3,980,423	-	-3,980,423	32
63,660,387	10,136,102	-	77,153,850	3,860,984	81,014,834	33

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>Supply</u>										
Domestic production:										
Crude oil	787	111,160	443,647	7,890,658	18,365,815	1,426,769	66,928	28,305,764	...	28,305,764
Less returned to formation	-	-	-	-	441,096	-	-	441,096	...	441,096
Condensate	-	-	-	-	38,325	-	-	-	...	40,856
Pentanes plus	-	-	-	24,979	2,219,755	2,531	-	2,317,977	...	2,317,977
Net withdrawals	787	111,160	443,647	7,915,637	20,182,799	1,502,543	66,928	30,223,501	...	30,223,501
Imports .....	...	...	...	...	...	...	...	...	...	...
Total supply	787	111,160	443,647	7,915,637	20,182,799	1,502,543	66,928	30,223,501	14,401,520	44,625,021
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces	787	-	-	-	-	-	-	787	3,816,473	3,816,473
Quebec	-	-	-	-	-	-	-	-	10,478,772	10,478,772
Ontario	-	111,160	266,501	4,468,066	4,379,889	-	-	9,225,616	108,590	9,334,206
Manitoba	-	-	12,262	826,316	421,157	-	-	1,259,735	-	1,259,735
Saskatchewan	-	-	-	426,009	1,827,611	-	-	2,253,620	-	2,253,620
Alberta	-	-	-	79,518	2,884,580	-	-	2,964,098	-	2,964,098
British Columbia	-	-	-	-	1,654,837	1,205,051	-	2,859,888	-	2,859,888
Northwest Territories	-	-	-	-	-	-	77,181	77,181	-	77,181
Totals	787	111,160	278,763	5,799,909	11,168,074	1,205,051	77,181	18,640,925	14,403,835	33,044,760
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains	-	-	-	-	4,687,326	407,713	-	5,095,039	-	5,095,039
East of Rocky Mountains	-	-	-	-	451,786	-	-	451,786	-	451,786
Great Lakes Area	-	-	157,372	1,964,334	2,754,120	-	-	4,875,826	-	4,875,826
Totals	-	-	157,372	1,964,334	7,893,232	407,713	-	10,422,651	-	10,422,651
Deliveries to other purchasers ..	-	-	-	2,662	6,743	-	-	9,405	-	9,405
Inventories:										
Opening - Field and plant	-	-	80,589	414,197	879,542	54,103	56,589	1,485,020	-	1,485,020
Transporters'	-	-	54,707	5,028,188	16,099,496	1,391,909	-	22,574,300	-	22,574,300
Closing - Field and plant	-	-	107,437	473,635	957,242	75,416	46,336	1,660,066	-	1,660,066
Transporters'	-	-	35,344	5,210,198	17,043,261	1,270,459	-	23,559,262	-	23,559,262
Net change	-	-	7,485	241,448	1,021,465	-100,137	-10,253	1,160,008	-1,180	1,158,828
Pipeline fuel	-	-	-	-	29,065	-	-	29,230	-	29,230
Field and plant use	-	-	165	2,155	8,080	-4,965	-	5,270	-	5,270
Losses and adjustments	-	-	-138	-94,871	56,140	-5,119	-	-43,988	-1,135	-45,123
Total disposition	787	111,160	443,647	7,915,637	20,182,799	1,502,543	66,928	30,223,501	14,401,520	44,625,021

... Figures not appropriate or not applicable.

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, July 1966

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	6,860	1,029,514	4,576,308
2	Less field flared and waste	-	-	1,462,615
3	Net new production (1 - 2)	6,860	1,029,514	3,113,693
4	Reproduced	-	-	-
5	Less injected and stored	-	-	-
6	Net withdrawals	6,860	1,029,514	3,113,693
	<u>Disposition</u>			
7	Field disposition and uses	525	-	250,587
8	Gathering system disposition and uses	-	-	58,928
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	168,042
9b	Other disposition and uses	-	-	230,913
10	Other uses	-	-	187,887
11	Adjustment	-	-	8,706
12	Deliveries of marketable gas	6,335	1,029,514	2,208,630
13	Total disposition	6,860	1,029,514	3,113,693
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	1,458,084
14b	Fields	6,335	1,029,514	750,546
15	Total (14a + 14b)	6,335	1,029,514	2,208,630
16	Receipts from distributor storage	-	15,398	25,070
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	6,335	1,044,912	2,233,700
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	3,170
21	Saskatchewan	-	-	1,585,035
22	Manitoba	-	-	827,141
23	Ontario	-	1,063,272	-
24	Quebec	-	-	-
25	New Brunswick	4,241	-	-
26	Total sales (19 to 25 inclusive)	4,241	1,063,272	2,415,346
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	-
30	Pipeline line pack fluctuation	-	-	8,694
31	Pipeline fuel	6	67,840	44,303
32	Pipeline losses etc.	2,088	- 86,200	- 234,643
33	Total disposition of marketable gas (26 to 32 inclusive)	6,335	1,044,912	2,233,700

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, July 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
96,627,591	12,171,328	60,362	114,471,963	...	114,471,963	1
4,575,731	947,834	57,807	7,043,987	...	7,043,987	2
92,051,860	11,223,494	2,555	107,427,976	...	107,427,976	3
-	-	-	-	...	-	4
17,544,373	116,795	-	17,661,168	...	17,661,168	5
74,507,487	11,106,699	2,555	89,766,808	...	89,766,808	6
837,629	52,057	-	1,140,798	...	1,140,798	7
253,602	594	-	313,124	...	313,124	8
9,917,394	457,608	-	10,543,044	...	10,543,044	9a
4,522,750	774,266	-	5,527,929	...	5,527,929	9b
68,164	-	2,555	258,606	...	258,606	10
- 4,921,133	- 143,035	-	- 5,055,462	...	- 5,055,462	11
63,829,081	9,965,209	-	77,038,769	...	77,038,769	12
74,507,487	11,106,699	2,555	89,766,808	...	89,766,808	13
55,522,998	9,799,016	-	66,780,098	...	66,780,098	14a
8,306,083	166,193	-	10,258,671	...	10,258,671	14b
63,829,081	9,965,209	-	77,038,769	...	77,038,769	15
3,367	-	-	43,835	...	43,835	16
639	-	-	639	...	639	17
63,833,087	9,965,209	-	77,083,243	3,949,896	81,033,139	18
682,647	3,003,752	-	3,686,399	-	3,686,399	19
9,271,664	-	-	9,274,834	2,108	9,276,942	20
1,364,775	-	-	2,949,810	-	2,949,810	21
258,817	-	-	1,085,958	-	1,085,958	22
5,966,766	-	-	7,030,038	3,947,788	10,977,826	23
2,120,312	-	-	2,120,312	-	2,120,312	24
-	-	-	4,241	-	4,241	25
19,664,981	3,003,752	-	26,151,592	3,949,896	30,101,488	26
27,118,833	6,670,287	-	33,789,120	...	33,789,120	27
170,419	-	-	170,419	-	170,419	28
13,046,056	-	-	13,046,056	-	13,046,056	29
83,196	135,307	-	227,197	-	227,197	30
3,462,692	144,362	-	3,719,203	-	3,719,203	31
286,910	11,501	-	- 20,344	-	- 20,344	32
63,833,087	9,965,209	-	77,083,243	3,949,896	81,033,139	33

2. Preliminary Electric Energy Statistics-November 1966

Net generation of electric energy in Canada increased 9.0% to 14,161,637 thousand Kwh. in November 1966 from 12,986,712^r thousand Kwh. in November 1965. Output from hydro-electric plants increased 7.5% while thermal plant generation was up 16.3%. During the first eleven months of 1966, net generation amounted to 142,743,055 thousand Kwh., up 10.2% from the corresponding period in 1965. Hydro-electric generation in the January-November period increased 11.5% while generation from thermal plants rose 4.6%.

Imports in November 1966 were 14.2% higher than one year ago while exports increased 52.9% in the same month. Totals for the first eleven months of 1966 compared with the same period in 1965 show that imports are down 19.8% while exports are up 18.3%.

Net generation during the twelve months ending November 30, 1966 amounted to 156,147,229 thousand Kwh. compared with 154,-972,304^r for the period ending in October and 143,160,854 thousand Kwh. for the year 1965.

Preliminary Electric Energy Statistics

(thousand Kwh)

	November		
	1964	1965	1966
Net generation - Hydro	9,671,519	10,677,299	11,475,506
Thermal	2,200,962	2,309,413 ^r	2,686,131
Total net generation	11,872,481	12,986,712 ^r	14,161,637
Energy imported from U.S.A.	250,091	246,926	281,921
Energy exported to U.S.A.:			
Firm	67,323	52,163	56,551
Secondary	304,872	246,857	401,687
Total exported to U.S.A.	372,195	299,020	458,238
Net energy used in Canada	11,750,377	12,934,618 ^r	13,985,320
Secondary energy used in Canada	339,126 ^r	473,197 ^r	408,940
Firm energy used in Canada	11,411,251 ^r	12,461,421 ^r	13,576,380

^r Revised figures.

3. Coal and Coke Statistics, November 1966

Coal production for the month of November amounted to 1,213,402 tons, a decrease of 1.4% from the November 1965 production of 1,230,599 tons, while landed imports were 1,706,906 tons, a decrease of 199,112 tons from November 1965. Consumption of coal and coke by industrial consumers amounted to 1,391,061 tons and 470,678 tons respectively, an increase of 16,144 tons and 14,519 tons from last year.

Industrial consumer's stocks of coal and coke increased 18% to 6,687,410 tons in November 1966 from 5,671,715 tons in November 1965.

Coke production during the month of November 1966 decreased to 348,676 tons from 357,882 tons in November 1965, while coke used in blast furnaces increased to 320,638 tons from 300,323 tons during the same period.

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3. Electricity Bills for Domestic, Commercial and Small Power Service, 1965	5

1. Natural Gas Statistics, November 1966

During November, 1966 Transport and Distribution Systems accounted for 106,078,081 Mcf of the total deliveries to gas utilities. The imports were 3,467,087 Mcf. The total supply to gas utilities for the month was 113,275,922 Mcf, an increase of 10.9% over the same month last year.

Total sales of natural gas to Canadian consumers by distribution for November 1966 were 60,596,860 Mcf. This was an increase of 15.3% over the same month last year.

Residential customers accounted for 30.1%, industrial customers 50.5% and commercial customers 19.4%.

The revenue from sales was \$39,558,855 for the month.

See catalogue No. 55-002 for more complete statistics of natural gas sales which will be released shortly.

Receipt and Disposition of Natural Gas by Source, November 1966

- 2 -

Receipts	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
By transport and distribution systems ..	7,832	1,198,018	4,031,052	85,295,094	15,546,085	...	106,078,081
Imports and other receipts	-	-	-	-261	-	3,467,087	3,466,826
Received from storage.....	-	2,832,969	300,426	597,620	-	...	3,731,015
Total supply of gas utilities.....	7,832	4,030,987	4,331,478	85,892,453	15,546,085	3,467,087	113,275,922
<u>Disposition</u>							
Sales							
British Columbia	-	-	-	1,534,039	5,880,177	-	7,414,216
Alberta	-	-	-	18,412,879	-	14,561	18,457,440
Saskatchewan.....	-	-	2,937,233	3,694,921	-	-	6,632,154
Manitoba.....	-	-	15,649	3,827,588	-	-	3,843,237
Ontario	-	3,559,421	-	14,517,938	-	3,452,526	21,529,885
Quebec.....	-	-	-	2,715,501	-	-	2,715,501
New Brunswick	4,427	-	-	-	-	-	4,427
Exports and other deliveries.....	-	-	-	30,951,709	8,498,509	-	39,450,218
Delivered to storage.....	-	-	397,720	-158,574	-	-	239,146
Linepack fluctuation, gas used in system, line losses and unaccounted for.....	3,405	471,566	980,876	10,366,452	1,167,399	-	12,989,698
Total demand on gas utilities	7,832	4,030,987	4,331,478	85,892,453	15,546,085	3,467,087	113,275,922

Sales of Natural Gas

No.		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
Residential:					
1	New Brunswick	100	2,001	3,151	10,895
2	Quebec	85,367	202,835	953,313	1,576,230
3	Ontario	499,410	647,166	6,940,621	9,018,307
4	Manitoba	90,793	93,614	1,624,591	1,494,624(1)
5	Saskatchewan	102,623	106,863	1,682,066	1,268,467
6	Alberta	232,979	239,025	4,841,963	2,529,397
7	British Columbia	152,986	173,736	2,182,479	3,460,455(1)
8	Canada	1,164,258	1,465,240	18,228,184	19,358,375
Industrial:					
9	New Brunswick	-	-	-	-
10	Quebec	-	-	-	-
11	Ontario	2,365	2,365	1,457,268	913,662
12	Manitoba	6,913	6,913	10,462,793	6,159,622
13	Saskatchewan	281	281	1,085,598	336,535(1)
14	Alberta	564	564	3,877,819	827,959
15	British Columbia	678	678	9,531,533	1,724,424
16	Canada	259	259	4,159,626	1,748,164(1)
			11,060	30,574,637	11,710,366
17	Firm				
18	Interruptible		10,511	25,065,051	9,512,591
			509	5,509,586	2,197,775
Commercial:					
19	New Brunswick	56	56	1,276	2,772
20	Quebec			304,920	400,302
21	Ontario	9,710	9,710	4,126,471	3,827,738
22	Manitoba	55,257	55,257	1,133,048	827,125(1)
23	Saskatchewan	6,325	6,325	1,072,269	540,380
24	Alberta	14,075	14,075	4,083,944	1,567,019
25	British Columbia	26,757	26,757	1,072,111	1,324,778(1)
26	Canada	32,871	32,871	11,794,039	8,490,114
Total sales:					
27	New Brunswick		2,057	4,427	13,667
28	Quebec		214,910	2,715,501	2,890,194
29	Ontario		729,366	21,529,885	19,005,667
30	Manitoba		102,220	3,843,237	2,658,284
31	Saskatchewan		121,502	6,632,154	2,636,806
32	Alberta		266,460	18,457,440	5,820,840
33	British Columbia		196,366	7,414,216	6,533,397
34	Canada		1,613,381	60,596,860	39,558,855

(1) Estimated

Oil Pipeline Transport October 1966

Oil movements by Canadian oil pipelines increased 15% in October 1966 with receipts of 43,813,003 barrels compared with 38,097,943 barrels in the preceding year. Within this increase, import receipts increased by 55%; taken over the whole period January/October 1966, imports increased by 24%.

Total traffic amounted to 18,972 million barrel miles with an average length of haul of 437.1 miles.

This data is summarized from the October Oil Pipeline Transport report Catalogue No. 55-001.

Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G.'s	Total October 1966	Total October 1965	% of increase or decrease over 1965	Year to date 1966
(Barrels 35 Canadian gallons)						
Net receipts:						
Domestic	28,364,163	6,577,823	34,941,986	32,392,615	7.9	346,509,403
Imports	8,834,118	36,899	8,871,017	5,705,328	55.5	91,549,854
Total net receipts	37,198,281	6,614,722	43,813,003	38,097,943	15.0	438,059,257
Net deliveries:						
Domestic	25,858,624	6,131,734	31,990,358	27,544,332	16.1	331,436,016
Exports	11,182,233	505,887	11,688,120	9,361,824	24.8	105,590,901
Total net deliveries ..	37,040,857	6,637,621	43,678,478	36,906,156	18.4	437,026,917
Inventory change	85,166	-25,528	59,638	1,118,761	-	280,008

Electricity Bills for Domestic, Commercial
and Small Power Service

1965

The 1965 Electricity Bills Report (details are contained in Catalogue No. 57-203 which will be released in about two months) is based on rate tables supplied by the power companies and municipalities responsible for the distribution of electric energy in 180 Canadian cities and towns. It consists of the actual cost to consumers of definite quantities of electricity for specific uses. The cost to the consumers includes not only the amounts accruing to the distributor but also all federal, provincial and municipal taxes on such purchases. Discounts for prompt payment have been deducted from gross bills wherever granted.

Salient Features of 1965 Report

1. Domestic Service Index

1965 compares with 1964 as follows:-

Index reduced

New Brunswick	101.8 to 98.7
Quebec	100.2 to 100.0
British Columbia ..	124.2 to 124.0
Saskatchewan	98.2 to 93.7

Index increased

Ontario 131.5 to 132.8

Index unchanged

at

Alberta	111.5
Manitoba	104.3
Newfoundland	102.3
Prince Edward Island ...	102.2
Nova Scotia	105.0

The overall index for Canada showed a slight increase from 115.2 to 115.3.

2. Bills

Some typical changes from 1964 follow:-

Reductions

New Brunswick

- Domestic: Moncton
- Power: Bathurst, Chatham, Moncton, Woodstock, St. Stephen, Sackville, Sussex

Quebec

- Domestic: Ste-Agathe des Monts
- Commercial: Baie Comeau
- Power: Rimouski

British Columbia

- Domestic & Commercial: Prince Rupert

Saskatchewan

- Domestic: Regina, Saskatoon

Newfoundland

- Domestic: Cornerbrook, St. John's

Increases

Ontario

- Domestic & Power: Belleville, Chatham, London, Oshawa, Woodstock
- Commercial: Belleville, Oshawa, Woodstock

Prince Edward Island

- Power: Charlottetown

Annual Index⁽¹⁾ of Electricity Bills for
Domestic Service by Province, 1958-65

(1949 = 100)

Province	1958	1959	1960	1961	1962	1963	1964	1965
Newfoundland	100.0	100.0	102.3	102.3	102.3	102.3	102.3	102.3
Prince Edward Island ..	105.4	103.4	103.4	103.4	103.4	103.4	102.2	102.2
Nova Scotia	121.5	121.6	123.0	126.9	126.9	106.1	105.0	105.0
New Brunswick	103.6	102.4	102.4	102.0	101.8	101.8	101.8	98.7
Quebec	101.4	101.4	101.4	101.4	101.2	99.6	100.2	100.0
Ontario	129.9	130.3	130.8	131.9	130.9	130.8	131.5	132.8
Manitoba	98.3	98.3	98.3	98.3	98.3	98.3	104.3	104.3
Saskatchewan	96.1	95.7	95.7	97.7	99.4	99.4	98.2	93.7
Alberta	107.2	106.9	106.9	109.6	109.6	109.6	111.5	111.5
British Columbia	143.5	143.5	143.5	143.5	128.2	124.3	124.2	124.0
Canada	117.5	117.6	117.8	118.5	116.6	114.5	115.2	115.3

(1) Based on electricity rates in effect December 31 each year.

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1. Refined Petroleum Products

Production of main products increased 15.1% in November to 32,942,928 barrels from 28,633,401 in the same month last year, according to an advance release of data that will be contained in the November issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil advanced 11.5% in November to 33,395,765 barrels from 29,949,972 barrels a year earlier. There was 10.5% more domestic crude at 18,824,929 barrels versus 17,027,082 and, 12.8% more imported crude at 14,570,836 barrels versus 12,920,890. disappearance of finished petroleum products increased 1.7% to 41,491,390 barrels from 40,796,784 in the same month last year.

REFINERY PRODUCTION in Canada of Selected Petroleum Products, November 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	1,098,457	295,168	(2)	884,295	823,357	3,464,002
Quebec	2,779,486	669,323	1,234,990	1,924,984	2,342,969	10,205,482
Ontario	3,800,751	328,802	709,332	1,912,572	1,702,767	9,849,818
Manitoba	610,757	51,349	125,350	205,414	162,813	1,346,280
Saskatchewan	748,584	71,175	362,034	176,468	143,544	1,757,529
Alberta	1,508,402	52,227	521,137	404,392	186,542	3,241,621
B.C.	1,168,543	146,776	717,368	234,467	421,998	3,020,898
N.W.T. and Yukon	-260	-	25,291	147	3,159	57,298

CANADA TOTAL11,714,720 1,614,820 3,695,502 5,742,739 5,787,149 32,942,928

(1) Included with Maritimes. (2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, November 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Newfoundland	145,534	115,397	170,836	140,948	351,032	965,692
Maritimes	691,665	275,025	261,269	661,589	889,031	2,971,280
Quebec	2,675,843	873,485	768,313	3,028,066	4,683,011	13,414,154
Ontario	4,113,237	393,467	730,095	3,632,437	2,203,778	12,616,455
Manitoba	547,069	136,972	192,179	252,593	119,224	1,485,711
Saskatchewan	716,989	208,793	256,870	215,236	48,248	1,609,471
Alberta	1,127,949	51,405	407,533	131,964	43,599	2,350,935
B.C.	1,058,307	169,879	527,343	488,312	779,773	3,406,542
N.W.T. and Yukon	10,945	3,837	12,503	18,527	-	59,805
CANADA TOTAL	11,087,538	2,228,260	3,332,941	8,569,672	9,117,696	38,880,045

IMPORTS into Canada of Selected Petroleum Products, November 1966

	Motor gasoline	Kerosene stove oil	Fuel Oil			Total all products
			Diesel	Light	Heavy	
Barrels of 35 Canadian gallons						
Maritimes	14,800	152,788	423,707	323,170	451,471	1,446,495
Quebec	323,848	632,052	167,295	794,610	3,109,938	5,755,490
Ontario	37,985	-	100,052	282,611	540,129	1,291,809
All other	729	746	125	-	434,712	468,496
CANADA TOTAL	377,362	785,586	691,179	1,400,391	4,536,250	8,962,290

2. Preliminary Electric Energy Statistics, December 1966

Net generation of electric energy in Canada increased 9.2% to 14,937,519 thousand Kwh. in December 1966 from 13,675,007^F thousand kwh. in December 1965. Hydro-electric plant output increased 10.8% while thermal generation was up 2.5%.

During the year 1966, firms generating a minimum of 10 million Kwh. per annum reported a net production of 157,683,108 thousand Kwh., a 10.0% increase over the 1965 generation. Favourable water conditions throughout most of the country resulted in an 11.4% increase in output from hydro plants while thermal plant production rose 4.7%.

In December 1966 imports were 374,593 thousand Kwh. (230,614 thousand Kwh. in December 1965). Exports were also up, from 299,057 thousand Kwh. to 439,756 thousand Kwh.

Calendar year totals for 1966 show a 14.5% decline in imports to 3,057,315 thousand Kwh. from 3,577,639 thousand Kwh. In the same period exports increased 20.8% from 3,570,232 thousand Kwh. to 4,309,786 thousand Kwh.

Consumption of secondary energy in Canada increased 5.0% to 4,124,318 thousand Kwh. in 1966. Firm energy consumption rose 9.4% to 152,306,319 thousand Kwh. from 139,239,066^F thousand Kwh. in 1965. This represents the largest absolute annual growth and one of the largest percentage growths in the history of the Canadian electric power industry.

Preliminary Electric Energy Statistics

(thousand Kwh)

	December		
	1964	1965	1966
Net Generation - Hydro	9,975,976	11,103,955	12,301,455
Thermal	2,566,905 ^r	2,571,052 ^r	2,636,064
Total Net Generation	12,542,881 ^r	13,675,007 ^r	14,937,519
Energy imported from U.S.A.	268,293	230,614	374,593
Energy exported to U.S.A.:			
Firm	66,305	48,860	54,718
Secondary	235,516	250,197	385,038
Total exported to U.S.A.	301,821	299,057	439,756
Net energy used in Canada	12,509,353 ^r	13,606,564 ^r	14,872,356
Secondary energy used in Canada	268,718 ^r	469,021	449,408
Firm energy used in Canada	12,240,635 ^r	13,137,543 ^r	14,422,948

^r Revised figures

3. Selected Electric Power Statistics, 1965

Production and Disposal of Electric Energy in 1965

Production of electric energy in 1965 amounted to 144,274,000,000 kilowatt hours, up 6.9% from the 1964 total of 134,987,000,000 kilowatt hours according to an advance release of data that will be contained in the 1965 issue of the annual D.B.S. report "Electric Power Statistics Vol. 11 Annual Statistics" (Catalogue 57-202). Generation by utilities in 1965 rose 7.7% to 110,798,000,000 from 102,889,000,000 kwh. in the preceding year, and generation by industrial establishments—mainly for use in own plants—increased 4.3% to 33,476,000,000 from 32,088,000,000 kwh.

Electric energy made available in Canada in 1965 aggregated 144,-165,000,000 kwh. (up 7.6% from the 1964 total of 133,949,000,000 kwh.). Imports were up 14.5% to 3,575,046,000 kwh. while exports declined 11.4% to 3,684,121,000 kwh.

Sales to ultimate customers and to industrial establishments with generating facilities increased 8.8% to 105,514 million kwh. from the 1964 total of 97,006^r million kwh. Total revenue from these sales amounted to \$1,115,076,000, up 8.3% from the total of \$1,029,811,000^r in 1964. The revenue per kilowatt hour for domestic and farm service continued to decline to 1.43¢ compared with 1.47¢ in 1964 and 1.52¢ in 1963. Most of this decline was reflected in British Columbia and Saskatchewan. At the same time, average annual consumption per domestic and farm customer climbed to 5,651 kwh. from 5,307^r kwh. in 1964 and 5,084 kwh. in 1963.

Wages and salaries (excluding construction employees) paid by the electric utility industry amounted to \$265,582,000 in 1965, an increase of 7.4% over the \$247,280,000 in 1964. During the same period the number of employees increased 1.4% from 43,205 to 43,794.

Disposal of Electric Energy - 1965

Used in own plant	Domestic and farm service			General service (commercial)		Power sales		Total sales to ultimate customers (1) and industrial establishments with generating facilities					
	Sales		kwh. per customer	revenue per kwh.	Sales		To ultimate customers		To industrial est. with generating fac.				
	Million kwh.	'000 \$			Million kwh.	'000 \$	Million kwh.		'000 \$				
Canada	41,781	29,738	424,924	5,651	1.43	13,280	234,094	46,807	357,945	14,668	71,867	105,514	1,115,076
Nfld.	1,344	250	6,069	3,371	2.42	94	3,126	881	7,537	916	5,441	2,150	22,561
P.E.I.	(2)	55	1,989	2,395	5.63	57	1,578	7	231	-	-	120	3,897
N.S.	599	696	16,176	3,634	2.32	502	13,243	419	6,236	311	2,357	1,954	39,173
N.B.	1,096	479	13,486	3,171	2.82	293	7,386	801	10,372	574	3,687	2,166	35,878
Que.	19,594	8,174	101,924	5,618	1.25	2,757	50,754	18,067	114,347	5,979	24,051	35,252	297,168
Ont.	7,081	12,663	164,381	6,281	1.30	5,620	76,216	18,891	139,881	4,823	25,036	42,386	415,423
Man.	920	1,889	21,776	7,582	1.15	733	11,308	2,007	16,031	229	1,119	4,924	51,748
Sask.	165	1,083	25,444	4,795	2.35	319	8,303	1,159	17,641	1	15	2,592	52,689
Alta.	640	1,469	28,204	4,193	1.92	860	20,915	1,963	23,523	113	778	4,507	76,082
B.C.	10,281	2,994	44,278	5,667	1.50	2,018	39,728	2,480	20,332	1,717	9,359	6,272	115,834
Yukon and N.W.T.	61	26	1,197	5,210	4.52	27	1,535	132	1,814	5	24	191	4,623

(1) Includes sales for street lighting

(2) Less than .5 million kwh.

3. Selected Electric Power Statistics, 1965

	Installed generating capacity			Generation			Energy made available in Canada
	Utilities	Industrials	Total	Utilities	Industrials	Total	
	(thousand kilowatts)			(million kilowatt hours)			
Canada	24,097	5,190	29,287	110,798	33,476	144,274 ¹	144,165
Alta.	448	82	530	2,265	503	2,768	2,684
B.C.	58	-	58	137	-	137	137
Man.	572	59	631	2,349	283	2,632	2,501
N.B.	469	112	581	2,297	663	2,960	2,905
Que.	8,070	2,699	10,769	37,775	19,230	57,005	52,229
Sask.	8,703	589	9,292	42,161	2,697	44,858	49,276
Ont.	1,328	19	1,347	5,417	72	5,489	6,151
P.E.I.	922	45	967	3,548	186	3,734	3,240
Yukon- N.W.T.	1,319	79	1,398	5,188	403	5,591	5,603
	2,138	1,489	3,627	9,450	9,382	18,832	19,171
	70	17	87	211	57	268	268

¹) Hydro-electric generation:- 117,063; thermal:- 27,211

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1. Crude Oil Requirements for Refineries 1965 to 1967

The table on page 3 gives details of the Industry's latest estimates of refinery receipts of crude oil (including condensate, etc.). These data are shown in summarized form in the table on page 2.

Crude Oil Requirements for Refineries 1965 to 1967 - Concluded
Summary of Crude Oil Requirements and New Needs
thousand barrels daily

	1965		1966				1967			
	Require-ments		Require-ments		New needs		Require-ments		New needs	
	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%
Domestic	571	59	604	58	33	45	611	57	7	24
Imports	395	41	435	42	40	55	457	43	22	76
Totals	966	100	1,039	100	73	100	1,068	100	29	100
New needs % increase over previous year										8% 3%

It will be seen that:

- Total requirements (domestic and imports) of crude oil needs for Canadian refineries are estimated to increase from 1,039,000 barrels daily (B/D) in 1966 to 1,068,000 B/D in 1967, an increase of 3% approximately. The corresponding increase, 1966 over 1965, was 8% approximately.
- Canadian crude requirements for refining are expected to increase by 1% from 604,000 B/D in 1966 to 611,000 B/D in 1967. This compares with an increase of almost 6% in 1966 over 1965.
- Imported crude requirements for refining are expected to increase by 5% from 395,000 B/D in 1966 to 457,000 B/D in 1967. This compares with an increase of 10% in 1966 over 1965.
- New needs of crude oil for refining are expected to amount to 29,000 B/D in 1967 compared with 73,000 B/D in 1966. Forecasts indicate that domestic production will supply 24% of these new needs (7,000 B/D) and imports 76% (22,000 B/D). For 1966, the corresponding shares of new needs were: domestic production 45% (33,000 B/D); imports 55% (40,000 B/D).

2. Crude Oil Requirements for Exports 1965 to 1967

From the table on page 3 it will be seen that exports are estimated at 348,000 B/D in 1966, an increase of 18% over 1965. A similar trend so far appears from the first quarter 1967 estimates.

3. Growth of Primary Refinery Capacity 1962 to 1966

Primary capacity increased by 63,000 B/D in 1966 compared to 1965, an increase of almost 6%. Current firm industry plans seem to envisage a slower growth rate in 1967. See table page 4 for details.

Canadian Crude Oil Requirements

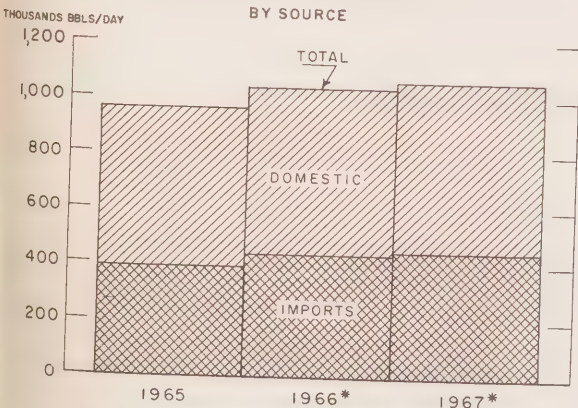
Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	1965	1966				1967				
	Actual Jan. - Dec.	Actual Jan. - Oct.	Estimated			Estimated				
			Nov.	Dec.	Jan. - Dec.	Jan.	Feb.	Mar.	Jan. - Dec.	
'000 barrels per day										
By source:										
Domestic:										
Western	567.9	594.4	639.0	620.0	600.3	625.4	624.3	615.8		607.0
Eastern	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7		3.8
Totals	571.4	598.0	642.6	623.6	603.9	629.1	628.0	619.5		610.8
Imported	394.5	426.3	503.3	452.3	434.8	469.0	481.2	477.3		457.4
Total requirements	965.9	1,024.3	1,145.9	1,075.9	1,038.7	1,098.1	1,109.2	1,096.8		1,068.2
Total requirements 1965	-	961.7	998.3	976.7	-	-	-	-		-
By location:										
Atlantic	103.5	108.0	134.2	99.6	109.4	115.1	123.5	110.6		116.9
Quebec	289.2	316.6	369.1	352.7	324.0	353.9	357.8	366.6		338.9
Ontario	301.4	312.2	327.9	318.1	314.0	322.4	321.9	322.4		316.1
Manitoba	39.4	39.1	45.7	45.1	40.2	42.9	43.3	43.5		39.4
Saskatchewan	58.4	61.8	63.3	64.4	62.1	69.3	66.7	59.5		62.9
Alberta	91.5	91.4	99.4	95.6	92.5	98.1	93.0	93.0		93.7
British Columbia	80.7	93.2	104.9	97.3	94.5	94.0	100.0	99.2		98.1
North West Territories ...	1.8	2.0	1.4	3.1	2.0	2.4	3.0	2.0		2.2
Total requirements	965.9	1,024.3	1,145.9	1,075.9	1,038.7	1,098.1	1,109.2	1,096.8		1,068.2
Exports requirements(1) ..	294.9	338.7	380.4	403.3	347.6	425.9	382.7	375.9		..

(1) Reported by the pipeline companies
.. Figures not available

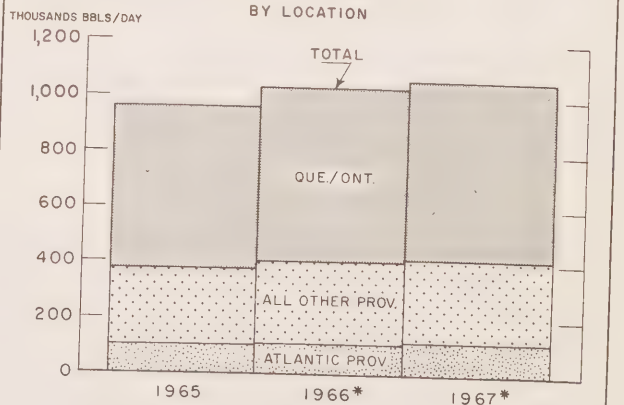
(1) Reported by the pipeline companies
.. Figures not available.

REFINERY RECEIPTS
BY SOURCE



*ESTIMATED

REFINERY RECEIPTS
BY LOCATION



*ESTIMATED

Canadian Refinery Capacities

thousand barrels per calendar day

Province	1966	1965	1964	1963	1962
Atlantic	132.0	125.5	125.5	103.8	103.8
Quebec	375.2	328.7	318.7	305.0	304.5
Ontario	324.3	322.4	306.9	305.5	279.2
Manitoba	41.1	41.3	41.3	40.4	37.4
Saskatchewan	75.5	69.7	70.0	70.0	69.7
Alberta	96.2	93.3	86.7	88.8	94.6
British Columbia	100.2	100.4	101.5	97.3	97.3
Northwest Territories ...	1.9	1.9	1.9	1.9	1.5
Canada	1,146.4	1,083.2	1,052.5	1,012.7	988.0

4. Oil Pipeline Transport and Natural Gas Pipeline
Transport and Distribution Companies

Quarterly Financial Statistics

For the nine-month period ended September 30, 1966 net income for oil pipeline companies rose to \$34.3 million, 14.0% over the \$30.1 million in the same period in 1965. Net income of gas pipeline companies increased to \$18.4 million, 0.8% over the \$16.6 million in the previous year. Net income of privately operated natural gas distribution companies, which account for approximately 80% of all distributor's revenues, rose to \$30.8 million from \$21.5 million, up 43.3%.

Fixed assets as at September 30, 1966 totalled \$642.0 million for oil pipeline companies (up 4.5% from \$614.2 million), \$1,132.6 million for gas pipeline companies (up 4.0% from \$1,088.5 million), and \$979.7 million for gas distribution companies (up 7.4% from \$912.5 million).

Quarterly Statement

Assets, Liabilities and Net Worth as at September 30, 1965-66

[illegible]

Preliminary Operating Revenue and Expense Account
For Nine Months Ending September 30, 1965-66

- 6 -

	Oil pipeline transport		Natural Gas pipeline transport		Natural gas distribution (privately operated)	
	1965	1966	1965	1966	1965	1966
	millions of dollars					
Total operating revenues	105.5	114.5	171.5	190.0	218.2	277.7
Total operating expenses	24.2	26.8	100.2	117.0	152.1	192.2
Net revenue from operations	81.3	87.7	71.3	73.0	66.1	85.5
Other income and income from affiliated companies	4.9	6.1	1.6	1.7	4.7	4.1
Other deductions and fixed charges:						
Depreciation	16.4	17.2	21.7	21.2	16.0	17.2
Interest on long term debt	10.8	10.8	32.6	32.9	19.7	22.0
Other	1.2	1.4	2.0	2.2	2.8	2.7
	28.4	29.4	56.3	56.3	38.5	41.9
Net income before taxes	57.8	64.4	16.6	18.4	32.3	47.7
Provision for income taxes	27.7	30.1	-	-	10.8	16.9
Net income after taxes	30.1	34.3	16.6	18.4	21.5	30.8

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1. Crude Petroleum and Natural Gas Production

The production of crude petroleum and equivalent hydrocarbons during August and September 1966 amounted to 29,990,158 and 28,233,931 barrels respectively (967,424 and 941,131 barrels/day). This was an increase of 2.4% and a decrease of 1.06% or 46,971 and 10,011 barrels/day respectively from the same months of 1965, according to preliminary statistics.

Natural gas production in these same months of 1966 increased 3.2% and 9.1% to 112,177,930 and 120,239,491 Mcf. from 108,664,455 and 110,248,447 Mcf. the previous year.

TABLE 1. Supply and Disposition of Natural Gas by Source, Canada, August 1966

No.	New Brunswick	Ontario	Saskatchewan
Mcf.			
<u>A. FIELD AND PROCESSING PLANTS</u>			
<u>Supply</u>			
1			
2	6,541	871,220	5,169,421
	-	-	1,315,864
3	6,541	871,220	3,853,557
4			
5	-	-	-
6	6,541	871,220	3,853,557
<u>Disposition</u>			
7			
8	166	-	276,092
9	-	-	57,402
9a			
9b	-	-	187,778
10	-	-	229,300
11	-	-	179,657
12	6,375	871,220	- 6,016
			2,929,344
13	6,541	871,220	3,853,557
<u>B. GAS UTILITIES</u>			
<u>Supply</u>			
14			
14a			
14b	6,375	871,220	1,622,720
			1,306,624
15	6,375	871,220	2,929,344
16			
17	-	359,443	29,543
18	6,375	1,230,663	2,958,887
<u>Disposition</u>			
Sales:			
19			
20	-	-	-
21	-	-	3,621
22	-	-	1,954,306
23	-	-	956,907
24	-	831,402	-
25	-	-	-
26	3,496	-	-
27	3,496	831,402	2,914,834
28			
29	-	-	-
30	-	-	807
31	-	-	- 39,014
32	6	73,605	68,371
	2,873	325,656	13,889
33	6,375	1,230,663	2,958,887

1) L.P.G. for gas enrichment, peak shaving or temporary supply.

2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 1. Supply and Disposition of Natural Gas by Source, Canada, August 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
99,973,123	12,919,021	73,357	119,012,683	...	119,012,683	1
4,551,022	896,100	71,767	6,834,753	...	6,834,753	2
95,422,101	12,022,921	1,590	112,177,930	...	112,177,930	3
-	-	-	-	...	-	4
17,449,633	120,276	-	17,569,909	...	17,569,909	5
77,972,468	11,902,645	1,590	94,608,021	...	94,608,021	6
833,105	111,352	-	1,220,715	...	1,220,715	7
252,233	- 769	-	308,866	...	308,866	8
9,863,840	511,474	-	10,563,092	...	10,563,092	9a
4,498,326	877,024	-	5,604,650	...	5,604,650	9b
67,796	-	1,590	249,043	...	249,043	10
- 1,863,962	- 35,042	-	- 1,905,020	...	- 1,905,020	11
64,321,130	10,438,606	-	78,566,675	...	78,566,675	12
77,972,468	11,902,645	1,590	94,608,021	...	94,608,021	13
55,548,811	10,367,919	-	67,539,450	...	67,539,450	14a
8,772,319	70,687	-	11,027,225	...	11,027,225	14b
64,321,130	10,438,606	-	78,566,675	...	78,566,675	15
13,343	-	-	402,329	...	402,329	16
3,143	-	-	3,143	...	3,143	17
64,337,616	10,438,606	-	78,972,147	4,870,815	83,842,962	18
964,068	4,117,189	-	5,081,257	-	5,081,257	19
9,575,000	-	-	9,578,621	2,729	9,581,350	20
1,096,223	-	-	3,050,529	-	3,050,529	21
287,446	-	-	1,244,353	-	1,244,353	22
5,643,749	-	-	6,475,151	4,868,086	11,343,237	23
2,276,371	-	-	2,276,371	-	2,276,371	24
-	-	-	3,496	-	3,496	25
19,842,857	4,117,189	-	27,709,778	4,870,815	32,580,593	26
27,049,464	6,247,792	-	33,297,256	-	33,297,256	27
216,909	-	-	216,909	-	216,909	28
11,965,753	-	-	11,966,560	-	11,966,560	29
- 265,965	- 172,158	-	- 477,137	-	- 477,137	30
3,548,056	247,534	-	3,937,572	-	3,937,572	31
1,980,542	- 1,751	-	2,321,209	-	2,321,209	32
64,337,616	10,438,606	-	78,972,147	4,870,815	83,842,962	33

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
Supply										
Domestic production:										
Crude oil	708	110,370	456,587	7,892,476	18,267,806	1,426,824	70,224	28,224,995	...	28,224,995
Less returned to formation	-	-	-	-	595,624	-	-	595,624	...	595,624
Condensate	-	-	-	-	52,432	3,623	-	56,055	...	56,055
Pentanes plus	-	-	-	27,723	2,195,827	81,182	-	2,304,732	...	2,304,732
Net withdrawals	708	110,370	456,587	7,920,199	19,920,441	1,511,629	70,224	29,990,158	...	29,990,158
Imports .....	...	...	...	...	...	...	...	...	...	...
Total supply	708	110,370	456,587	7,920,199	19,920,441	1,511,629	70,224	29,990,158	14,354,472	14,354,472
Disposition										
Deliveries to refineries:										
Atlantic Provinces	708	-	-	-	-	-	-	708	3,936,702	3,937,410
Quebec	-	-	-	-	-	-	-	-	10,400,135	10,400,135
Ontario	-	110,370	204,696	4,600,332	4,704,724	-	-	9,620,122	74,366	9,694,488
Manitoba	-	-	13,492	528,248	862,996	-	-	1,404,736	-	1,404,736
Saskatchewan	-	-	-	345,653	1,768,406	-	-	2,114,059	-	2,114,059
Alberta	-	-	-	81,192	3,068,432	-	-	3,149,624	-	3,149,624
British Columbia	-	-	-	-	1,779,744	1,174,545	-	2,954,289	-	2,954,289
Northwest Territories	-	-	-	-	-	-	82,397	82,397	-	82,397
Totals	708	110,370	218,188	5,555,425	12,184,302	1,174,545	82,397	19,325,935	14,411,203	33,737,138
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains	-	-	-	-	4,629,265	514,227	-	5,143,492	-	5,143,492
East of Rocky Mountains	-	-	-	-	350,355	-	-	350,355	-	350,355
Great Lakes Area	-	-	238,865	2,419,895	2,781,070	-	-	5,439,830	-	5,439,830
Totals	-	-	238,865	2,419,895	7,760,690	514,227	-	10,933,677	-	10,933,677
Deliveries to other purchasers ..	-	-	-	2,789	103,753	-	-	106,542	-	106,542
Inventories:										
Opening - Field and plant	-	-	107,437	473,635	957,242	75,416	46,336	1,660,066	-	1,660,066
Transporters'	-	-	35,344	5,210,198	17,043,261	1,270,459	-	23,559,262	413,905	23,973,167
Closing - Field and plant	-	-	99,930	494,089	930,201	64,386	34,163	1,622,769	-	1,622,769
Transporters'	-	-	42,923	5,231,643	16,842,665	1,095,549	-	23,212,780	358,562	23,571,342
Net change	-	-	72	41,899	- 227,637	- 185,940	- 12,173	- 383,779	- 55,343	- 439,122
Pipeline fuel	-	-	-	-	32,197	-	-	32,197	-	32,197
Field and plant use	-	-	-	2,212	12,395	- 234	-	14,373	-	14,373
Losses and adjustments	-	-	- 538	- 102,021	54,741	9,031	-	- 38,787	- 1,388	- 40,175
Total disposition	708	110,370	456,587	7,920,199	19,920,441	1,511,629	70,224	29,990,158	14,354,472	44,344,630

... Figures not appropriate or not applicable.

... Figures not appropriate or not applicable.

barrels of 35 Canadian gallons									
	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources
Supply									
Domestic production:									
Crude oil	567	106,896	446,284	7,815,303	17,072,226	1,358,462	71,330	26,871,068	...
Less returned to formation	-	-	-	-	731,979	-	-	731,979	...
Condensate	-	-	-	-	89,290	-	-	91,333	91,333
Pentanes plus	-	-	-	25,829	1,903,853	73,827	-	2,003,509	2,003,509
Net withdrawals	567	106,896	446,284	7,841,132	18,333,390	1,434,332	71,330	28,233,931	...
Imports .....	...	...	...	...	...	...	...	...	28,233,931
Total supply	567	106,896	446,284	7,841,132	18,333,390	1,434,332	71,330	28,233,931	13,582,421
Disposition									
Deliveries to refineries:									
Atlantic Provinces	567	-	-	-	-	-	-	567	3,482,564
Quebec	-	-	-	4,640,728	4,090,051	-	-	-	10,019,849
Ontario	-	106,896	202,000	770,811	569,616	-	-	9,039,675	9,119,619
Manitoba	-	-	13,213	391,201	1,825,996	-	-	1,353,640	1,353,640
Saskatchewan	-	-	-	86,361	2,439,454	-	-	2,217,197	2,217,197
Alberta	-	-	-	-	1,806,734	1,212,328	-	2,525,815	2,525,815
British Columbia	-	-	-	-	-	-	81,877	3,019,062	3,019,062
Northwest Territories	-	-	-	-	-	-	-	81,877	81,877
Totals	567	106,896	215,213	5,889,101	10,731,851	1,212,328	81,877	18,237,833	31,820,190
Exports to U.S.A.:									
Northwest Area:									
West of Rocky Mountains	-	-	-	-	4,493,224	206,177	-	4,699,401	4,699,401
East of Rocky Mountains	-	-	-	-	341,642	-	-	341,642	341,642
Great Lakes Area	-	-	267,242	2,160,459	2,908,355	-	-	5,336,056	5,336,056
Totals	-	-	267,242	2,160,459	7,743,221	206,177	-	10,377,099	10,377,099
Deliveries to other purchasers ..	-	-	-	1,184	128,190	-	-	129,374	129,374
Inventories:									
Opening - Field and plant	-	-	99,930	494,089	930,201	64,386	34,163	1,622,769	1,622,769
Transporters'	-	-	42,923	5,231,643	16,842,665	1,095,549	-	23,212,780	23,571,342
Closing - Field and plant	-	-	89,593	420,969	779,445	58,870	21,516	1,370,393	1,370,393
Transporters'	-	-	15,990	5,117,486	16,464,836	1,161,308	-	22,759,620	23,117,554
Net change	-	-	- 37,270	- 187,277	- 528,585	60,243	- 12,647	- 705,536	- 628
Pipeline fuel	-	-	33	-	40,522	-	-	40,555	40,555
Field and plant use	-	-	-	749	18,134	- 3,436	-	15,447	15,447
Losses and adjustments	-	-	1,066	- 23,084	200,057	- 40,980	2,100	139,159	139,851
Total disposition	567	106,896	446,284	7,841,132	18,333,390	1,434,332	71,330	28,233,931	41,816,352

... Figures not appropriate or not applicable.

TABLE 4. Supply and Disposition of Natural Gas by Source, Canada, September 1966

No.		Mcf.		
		New Brunswick	Ontario	Saskatchewan
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	6,713	799,545	5,377,799
2	Less field flared and waste	-	-	1,451,015
3	Net new production (1 - 2)	6,713	799,545	3,926,784
4	Reproduced	-	-	-
5	Less injected and stored	-	-	-
6	Net withdrawals	6,713	799,545	3,926,784
	<u>Disposition</u>			
7	Field disposition and uses	170	-	267,526
8	Gathering system disposition and uses	-	-	33,861
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	195,684
9b	Other disposition and uses	-	-	201,399
10	Other uses	-	-	183,694
11	Adjustment	-	-	- 4,364
12	Deliveries of marketable gas	6,543	799,545	3,048,984
13	Total disposition	6,713	799,545	3,926,784
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	1,543,686
14b	Fields	6,543	799,545	1,505,298
15	Total (14a + 14b)	6,543	799,545	3,048,984
16	Receipts from distributor storage	-	57,325	6,842
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	6,543	856,870	3,055,826
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	465
21	Saskatchewan	-	-	1,854,431
22	Manitoba	-	-	945,665
23	Ontario	-	583,016	-
24	Quebec	-	-	-
25	New Brunswick	3,866	-	-
26	Total sales (19 to 25 inclusive)	3,866	583,016	2,800,561
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	1,908
30	Pipeline line pack fluctuation	-	-	21,577
31	Pipeline fuel	39	44,590	49,033
32	Pipeline losses etc.	2,638	229,264	182,747
33	Total disposition of marketable gas (26 to 32 inclusive)	6,543	856,870	3,055,826

1) L.P.G. for gas enrichment, peak shaving or temporary supply.

2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 4. Supply and Disposition of Natural Gas by Source, Canada, Septembre 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
105,568,767	14,853,096	78,907	126,684,827	...	126,684,827	1
4,070,280	847,165	76,876	6,445,336	...	6,445,336	2
101,498,487	14,005,931	2,031	120,239,491	...	120,239,491	3
14,497,045	95,742	-	14,592,787	...	14,592,787	4
87,001,442	13,910,189	2,031	105,646,704	...	105,646,704	5
						6
959,678	457,973	-	1,685,347	...	1,685,347	7
305,307	2,012	-	341,180	...	341,180	8
8,989,199	470,506	-	9,655,389	...	9,655,389	9a
4,321,293	1,053,850	-	5,576,542	...	5,576,542	9b
63,051	-	2,031	248,776	...	248,776	10
10,163,643	- 21,939	-	10,137,340	...	10,137,340	11
62,199,271	11,947,787	-	78,002,130	...	78,002,130	12
87,001,442	13,910,189	2,031	105,646,704	...	105,646,704	13
52,188,580	11,671,396	-	65,403,662	...	65,403,662	14a
10,010,691	276,391	-	12,598,468	...	12,598,468	14b
62,199,271	11,947,787	-	78,002,130	...	78,002,130	15
8,990	-	-	73,157	...	73,157	16
1,616	-	-	1,616	...	1,616	17
62,209,877	11,947,787	-	78,076,903	4,371,061	82,447,964	18
943,725	5,009,259	-	5,952,984	-	5,952,984	19
10,128,465	-	-	10,128,930	3,568	10,132,498	20
1,249,499	-	-	3,103,930	-	3,103,930	21
297,454	-	-	1,243,119	-	1,243,119	22
9,069,872	-	-	9,652,888	4,367,493	14,020,381	23
2,594,932	-	-	2,594,932	-	2,594,932	24
-	-	-	3,866	-	3,866	25
24,283,947	5,009,259	-	32,680,649	4,371,061	37,051,710	26
24,669,638	6,559,380	-	31,229,018	-	31,229,018	27
189,788	-	-	189,788	-	189,788	28
7,163,409	-	-	7,165,317	-	7,165,317	29
214,994	88,578	-	325,149	-	325,149	30
3,316,536	291,022	-	3,701,220	-	3,701,220	31
2,371,565	- 452	-	2,785,762	-	2,785,762	32
62,209,877	11,947,787	-	78,076,903	4,371,061	82,447,964	33

2. Coal and Coke Statistics - 1966

Month of December 1966

Coal production for the month of December amounted to 1,174,225 tons, an increase of 1.6% over the December 1965 production of 1,155,911 tons, while landed imports were 439,974 tons compared to 892,356 tons for the month of December 1965. Consumption of coal and coke by industrial consumers amounted to 1,122,544 tons and 411,317 tons respectively, an increase of 53,757 tons and 66,672 tons over last year.

Industrial consumer's stocks of coal and coke increased to 6,299,512 tons from 5,336,765 tons in December 1965.

Coke production during the month of December 1966 decreased to 337,225 tons from 367,259 tons in December 1965, while coke used in blast furnaces decreased to 255,019 tons from 304,045 tons during the same period.

Year - January to December 1966

During the year 1966, coal production declined to 11,391,569 tons from 11,588,616 tons in 1965, a decrease of 1.7%. Production decreases of 279,627 tons in Nova Scotia and 98,013 tons in New Brunswick were partially offset by increased production amounting to 14,232 tons in Saskatchewan, 53,326 tons in Alberta, and 113,035 tons in British Columbia, Yukon and Northwest Territories.

Landed imports in 1966 amounted to 16,248,715 tons, a fractional decrease from the 16,277,333 tons imported in 1965. Exports (as reported by coal producers) increased to 1,113,306 tons from 1,073,882 tons in 1965.

Industrial consumption of coal declined 2.4% in 1966 while industrial stocks increased to 5,988,552 tons from 5,045,361 tons in 1965, due in large part to the small increase in thermal electric generation caused by favourable water conditions throughout most of the country during 1966.

Coal and Coke Statistics

December 1966

	Coal			Coke		
	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	production					
Newfoundland	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-
Nova Scotia	293,935	8,073	247,632	88,307	18,803	19,464
New Brunswick	71,450	-	70,250	66,042	92,781	-
Quebec	-	26,668	-	142,330	498,454	59,236
Ontario	-	405,147	-	818,556	5,033,718	305,352
Manitoba	-	86	-	50,509	96,455	619
Manitoba	771,601	-	278,122	201,305	202,070	-
Alberta	429,050	-	420,260	146,881	29,908	132
British Columbia and Yukon	106,183(1)	-	96,018	8,613	16,363	212
Total Canada 1966	1,174,225	439,974	1,112,282	1,522,544	5,988,552	26,514
Total Canada 1965	1,055,913 ^F	892,258	1,093,982 ^F	1,468,787	5,045,361	411,317
						310,960
						291,404

tons

(1) Includes 6,085 tons production May to November 1966, inclusive.

Coal and Coke Statistics

Year 1966

	Coal				Coke		
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
tons							
Newfoundland	-	10,212	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	3,854,534	464,819	3,925,997	966,655	18,803	403,177	-
New Brunswick	898,315	-	885,145	792,707	92,781	84	-
Quebec	-	929,620	-	1,526,125	498,454	599,172	130,980
Ontario	-	14,842,136	-	8,480,945	5,033,718	4,278,468	140,378
Manitoba	-	1,403	-	417,973	96,455	2,709	125
Saskatchewan	2,078,165	42	2,083,403	1,352,293	202,070	-	-
Alberta	3,467,254	-	3,477,873	1,500,799	29,908	3,211	212
British Columbia and Yukon	1,093,301	483	855,606	110,805	16,363	308,687	39,265
Total Canada 1966	11,131,569	16,248,715	11,228,024	15,148,302	5,988,552	5,595,508	310,960
Total Canada 1965 ^r	11,588,616 ^r	16,277,333	11,256,150	15,523,982	5,045,361	5,460,590	291,404

^r Revised figure.

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1. Crude Petroleum and Natural Gas Production, October 1966

The production of crude petroleum and equivalent hydrocarbons during October 1966 amounted to 28,704,611 barrels, (925,955 barrels/day). This was an increase of 5.4% (46,977 barrels/day) from October 1965 according to preliminary statistics.

Natural gas production in October 1966 increased 10.5% to 132,345,155 Mcf. from 119,782,518 Mcf. in October 1965. Production during the period January - October 1966 increased 7.0% to 1,252,541,629 Mcf. from 1,170,179,354 Mcf. in 1965.

barrels of 35 Canadian gallons											
	NEW Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	
<u>Supply</u>											
Domestic production:											
Crude oil	700	109,166	455,828	7,965,286	17,419,093	1,545,348	61,763	27,557,184	...	27,557,184	
Less returned to formation	-	-	-	-	1,313,588	-	-	1,313,588	...	1,313,588	
Condensate	-	-	-	-	62,234	3,267	-	65,501	...	65,501	
Pentanes plus	-	-	-	27,362	2,279,115	89,037	-	2,395,514	...	2,395,514	
Net withdrawals	700	109,166	455,828	7,992,648	18,446,854	1,637,652	61,763	28,704,611	...	28,704,611	
Imports .....	...	...	...	...	...	...	...	...	...	...
Total supply	700	109,166	455,828	7,992,648	18,446,854	1,637,752	61,763	28,704,611	11,819,036	11,819,036	
<u>Disposition</u>											
Deliveries to refineries:											
Atlantic Provinces	700	-	-	-	-	-	-	700	2,408,043	2,408,743	
Quebec	-	-	-	-	-	-	-	-	9,327,701	9,327,701	
Ontario	-	109,166	209,833	4,532,947	4,357,182	-	-	9,198,728	79,661	9,278,389	
Manitoba	-	-	13,833	779,875	517,235	-	-	1,310,943	-	1,310,943	
Saskatchewan	-	-	-	310,558	576,262	-	-	886,820	-	886,820	
Alberta	-	-	-	77,820	2,507,489	-	-	2,585,309	-	2,585,309	
British Columbia	-	-	-	-	1,992,903	1,302,193	-	3,295,096	-	3,295,096	
Northwest Territories	-	-	-	-	-	-	5,993	5,993	-	5,993	
Totals	700	109,166	223,666	5,690,800	9,951,074	1,302,193	5,993	17,283,589	11,815,405	29,098,994	
Exports to U.S.A.:											
Northwest Area:	-	-	-	-	-	-	-	-	-	-	
West of Rocky Mountains	-	-	-	-	4,743,069	197,541	-	4,940,610	...	4,940,610	
East of Rocky Mountains	-	-	-	-	445,319	-	-	445,319	...	445,319	
Great Lakes Area	-	-	239,576	2,348,312	3,210,032	-	-	5,797,920	...	5,797,920	
Totals	-	-	239,576	2,348,312	8,296,420	197,541	-	11,183,849	...	11,183,849	
Deliveries to other purchasers ..	-	-	-	4,086	1,022	-	-	5,108	-	5,108	
<u>Inventories:</u>											
Opening - Field and plant	-	-	89,593	420,969	779,445	58,870	21,516	1,370,393	-	1,370,393	
Transporters'	-	-	15,990	5,117,486	16,464,836	4,161,308	-	22,759,620	357,934	23,117,554	
Closing - Field and plant	-	-	85,623	406,132	824,658	81,285	77,286	1,472,954	-	1,472,954	
Transporters'	-	-	17,736	9,188,478	16,392,267	1,288,217	-	22,846,698	359,022	23,205,720	
Net change	-	-	- 2,224	4,225	- 27,316	144,324	53,770	189,639	1,088	190,727	
Pipeline fuel	-	-	-	-	30,994	-	-	30,994	-	30,994	
Field and plant use	-	-	-	3,246	14,409	- 7,955	-	9,700	-	9,700	
Losses and adjustments	-	-	- 5,190	- 67,921	78,294	- 3,451	-	1,732	2,543	4,275	
Total disposition	700	109,166	455,828	7,992,648	18,446,854	1,637,752	61,763	28,704,611	11,819,036	40,523,647	

Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, October 1966

No.		New Brunswick	Ontario	Saskatchewan
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	7,209	1,079,162	5,613,400
2	Less field flared and waste	-	-	1,293,080
3	Net new production (1 - 2)	7,209	1,079,162	4,320,320
4	Reproduced	-	-	-
5	Less injected and stored	-	-	2,215
6	Net withdrawals	7,209	1,079,162	4,318,105
	<u>Disposition</u>			
7	Field disposition and uses	-	-	294,373
8	Gathering system disposition and uses	-	-	9,731
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	218,763
9b	Other disposition and uses	-	-	227,359
10	Other uses	-	-	197,872
11	Adjustment	-	-	- 8,373
12	Deliveries of marketable gas	7,209	1,079,162	3,378,380
13	Total disposition	7,209	1,079,162	4,318,105
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	7,209	1,079,162	1,843,608
14b	Fields	-	-	1,534,772
15	Total (14a + 14b)	7,209	1,079,162	3,378,380
16	Receipts from distributor storage	-	1,852,150	168,629
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	7,209	2,931,312	3,547,009
	<u>Disposition</u>			
19	Sales:			
20	British Columbia	-	-	-
21	Alberta	-	-	3,075
22	Saskatchewan	-	-	489,972
23	Manitoba	-	-	694,632
24	Ontario	-	2,393,016	-
25	Quebec	-	-	-
25	New Brunswick	4,212	-	-
26	Total sales (19 to 25 inclusive)	4,212	2,393,016	1,187,679
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	482,929
30	Pipeline line pack fluctuation	-	-	- 8,404
31	Pipeline fuel	69	23,937	101,576
32	Pipeline losses etc.	2,928	514,359	1,783,229
33	Total disposition of marketable gas (26 to 32 inclusive)	7,209	2,931,312	3,547,009

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, October 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
114,168,405 4,544,710	18,280,690 968,218	57,811 55,514	139,206,677 6,861,522	...	139,206,677 6,861,522	1
109,623,695	17,312,472	2,297	132,345,155	...	132,345,155	2
16,016,347	108,534	-	16,127,096	...	16,127,096	3
93,607,348	17,203,938	2,297	116,218,059	...	116,218,059	4
642,071 321,649	394,786 347	-	1,331,230 331,727	...	1,331,230 331,727	5
11,499,515 5,159,034 70,697 - 22,204 75,936,586	552,622 1,162,186 - 15,307 15,078,690	- 2,297 - - -	12,270,900 6,550,876 268,569 - 15,270 95,480,027	...	12,270,900 6,550,876 268,569 - 15,270 95,480,027	6
93,607,348	17,203,938	2,297	116,218,059	...	116,218,059	7
62,125,020 13,811,566	14,494,201 584,489	-	79,549,200 15,930,827	...	79,549,200 15,930,827	8
75,936,586	15,078,690	-	95,480,027	...	95,480,027	9a
298,087 1,745	-	-	2,318,866 1,745	...	2,318,866 1,745	9b
76,236,418	15,078,690	-	97,800,638	2,299,155	100,099,793	10
1,394,011 13,598,693 3,073,107 1,467,374 13,018,238 2,596,566 -	5,894,334 - - - - - -	- - - - - - -	7,288,345 13,601,768 3,563,079 2,162,006 15,411,254 2,596,566 4,212	- 9,063 - - 2,290,092 - -	7,288,345 13,610,831 3,563,079 2,162,006 17,701,346 2,596,566 4,212	11
35,147,989	5,894,334	-	44,627,230	2,299,155	46,926,385	12
29,128,367 236,645 1,121,513 218,084 3,491,228 6,892,592	8,311,282 - - - 65,644 566,400 372,318	- - - - - -	37,439,649 236,645 1,604,442 144,036 4,183,210 9,565,426	- - - - - -	37,439,649 236,645 1,604,442 144,036 4,183,210 9,565,426	13
76,236,418	15,078,690	-	97,800,638	2,299,155	100,099,793	14a
						14b
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2. Net Sales of Liquefied Petroleum Gases, 1965.

In 1965 the total sales of propane and butanes increased 22.6% compared with the 1964 figures, the largest gains being in Ontario and Quebec.

Final figures will be published in Refined Petroleum Products, Volume II, Catalogue Number 45-208.

TABLE 1. Net Sales of Propane and Propane Mixes, 1965

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba
	barrels of 35 Canadian gallons				
Residential, Commercial, Farm	11,808	299,850	653,760	1,383,365	324,182
Industrial	-	78,632	707,336	371,433	180,520
Gas Utilities	-	-	37,683	85,201	288,238
Total Sales	11,808	378,482	1,398,779	1,839,999	792,940
	Saskat-chewan	Alberta	British Columbia	Northwest Terri-tories and Yukon	Canada
Residential, Commercial, Farm	757,868	1,707,547	720,720	14,359	5,873,459
Industrial	-	-	111,022	-	1,448,943
Gas Utilities	-	-	8,148	-	419,270
Total Sales	757,868	1,707,547	839,890	14,359	7,741,672

TABLE 2. Net Sales of Butane and Butane Mixes, 1965

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba
	barrels of 35 Canadian gallons				
Residential, Commercial, Farm	-	94,710	17,910	501,157	-
Industrial	-	38,751	-	19,685	-
Gas Utilities	-	-	-	-	-
Total Sales	-	133,461	17,910	520,842	-
	Saskat-chewan	Alberta	British Columbia	Northwest Terri-tories and Yukon	Canada
Residential, Commercial, Farm	40,220	528	56,385	-	710,910
Industrial	-	-	-	-	58,436
Gas Utilities	-	-	112,624	-	112,624
Total Sales	40,220	528	169,009	-	881,970

3. Natural Gas Statistics, December 1966

During December, 1966 Transport and Distribution Systems accounted for 126,-35,245 Mcf of the total deliveries to gas utilities. The imports were 4,737,294 cf. The total supply to gas utilities for the month was 126,135,245 an increase of 13.0% over the same month last year.

Total sales of natural gas to Canadian consumers by distribution for December 1966 were 70,328,256 Mcf. This was an increase of 9.6% over the same month last year.

Residential customers accounted for 35.8%, industrial customers 42.4% and commercial customers 21.8% of the total sales.

The revenue from sales was \$53,955,496 for the month.

See catalogue No. 55-002 for more complete statistics of natural gas sales which will be released shortly.

Receipts

	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
By transport and distribution systems ..	9,063	1,801,773	4,581,597	90,049,136	16,926,285	..	113,367,854
Imports and other receipts	-	-	-	5,835	3,495	4,737,294	4,746,624
Received from storage ...	-	7,347,106	226,870	446,791	-	...	8,020,767
Total supply of gas utilities	9,063	9,148,879	4,808,467	90,501,762	16,929,780	4,737,294	126,135,245

Disposition

Sales							
British Columbia	-	-	-	1,247,952	5,830,960	-	7,078,912
Alberta	-	-	-	21,773,316	-	15,489	21,788,805
Saskatchewan	-	-	4,521,310	3,065,061	-	-	7,586,371
Manitoba	-	-	-	5,049,035	-	-	5,049,035
Ontario	-	8,304,275	-	12,467,461	-	4,721,805	25,493,541
Quebec	-	-	-	3,326,949	-	-	3,326,949
New Brunswick	5,443	-	-	-	-	-	5,443
Exports and other deliveries	-	-	-	33,073,946	10,344,460	-	43,418,406
Delivered to storage	-	-	65,656	446,038	-	-	511,694
Linepack fluctuation, gas used in system, line losses and un- accounted for	3,620	844,604	221,501	10,052,004	754,360	-	11,876,089
Total demand on gas utilities	9,063	9,148,879	4,808,467	90,501,762	16,929,780	4,737,294	126,135,245

Sales of Natural Gas, December 1966

No.		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick	100	2,004	3,633	12,123
2	Quebec	88,098	204,087	1,466,361	2,224,726
3	Ontario	501,273	651,253	9,413,955	11,912,991
4	Manitoba	91,966	94,754	2,343,361	2,015,602
5	Saskatchewan	102,646	107,787	2,689,232	1,825,344
6	Alberta	234,261	240,579	6,622,275	3,312,652
7	British Columbia	155,254	175,944	2,638,035	4,668,396
8	Canada	1,173,598	1,476,408	25,176,852	25,971,834
	Industrial:				
9	New Brunswick	-	-	-	-
10	Quebec		2,766	1,409,994	1,025,818
11	Ontario		7,007	10,886,484	11,428,501
12	Manitoba		282	1,072,876	319,312
13	Saskatchewan		567	3,477,938	981,212
14	Alberta		553	9,844,675	1,808,962
15	British Columbia		256	3,100,531	1,168,308
16	Canada		11,431	29,792,498	16,732,113
17	Firm		10,919	24,124,406	12,989,150
18	Interruptible		512	5,668,092	3,742,963
	Commercial:				
19	New Brunswick	57		1,810	3,896
20	Quebec	9,862		449,794	566,572
21	Ontario	56,054		5,193,102	4,854,454
22	Manitoba	8,450		1,632,798	1,056,332
23	Saskatchewan	14,333		1,419,201	746,347
24	Alberta	27,140		5,321,855	2,092,872
25	British Columbia	23,048		1,340,346	1,931,076
26	Canada	138,944		15,358,906	11,251,549
	Total sales:				
27	New Brunswick	2,061		5,443	16,019
28	Quebec	216,715		3,326,149	3,817,116
29	Ontario	714,314		25,493,541	28,195,946
30	Manitoba	103,486		5,049,035	3,391,246
31	Saskatchewan	122,687		7,586,371	3,552,903
32	Alberta	268,272		21,788,805	7,214,486
33	British Columbia	199,248		7,078,912	7,767,780
34	Canada	1,626,783		70,328,256	53,955,496

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1. Refined Petroleum Products

Production of refined petroleum products increased 9.0% in December to 34,389,257 barrels from 31,564,094 in the same month last year, according to an advance release of data that will be contained in the December issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil advanced 12.0% in December to 33,913,613 barrels from 30,279,106 a year earlier. There was 10.1% more domestic crude at 19,539,145 barrels versus 17,740,000 and, 14.6% more imported crude at 14,374,468 barrels versus 12,539,106. Domestic disappearance of finished petroleum products increased 6.6% to 44,469,616 barrels from 41,732,725 in the same month last year.

2. Preliminary Electric Energy Statistics - January 1967

Net generation of electric energy in Canada increased 7.1% to 14,962,796 thousand Kwh. in January 1967 from 13,966,466 thousand Kwh. in January 1966. Hydro-electric generation, which accounted for 80.5% of the total, increased 7.4% while thermal generation was up 6.5%.

Increases in imports and exports amounted to 46.5% and 29.0% respectively. Secondary energy used in Canada rose 24.2% from 330,590 thousand Kwh. in January 1966 to 410,836 thousand Kwh. in January 1967.

Firm energy made available for use in Canada was 14,510,075 thousand Kwh. compared with 13,569,539 thousand Kwh. in the same month last year, an increase of 6.9%.

Preliminary Electric Energy Statistics

(thousand Kwh.)

	January		
	1965	1966	1967
Net generation - Hydro	9,870,905	11,220,747 ^r	12,038,954
Thermal	2,737,869 ^r	2,745,719	2,923,842
Total net generation	12,608,774 ^r	13,966,466 ^r	14,962,796
Energy imported from U.S.A.	282,875	245,055	359,472
Energy exported to U.S.A.:			
Firm	66,250	50,630	49,224
Secondary	238,332	260,762	352,133
Total exported to U.S.A.	304,582	311,392	401,357
Net energy used in Canada	12,587,067 ^r	13,900,129 ^r	14,920,911
Secondary energy used in Canada	317,104 ^r	330,590 ^r	410,836
Firm energy used in Canada	12,269,693	13,569,539 ^r	14,510,075

^r Revised figures.

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1. Crude Petroleum and Natural Gas Production, November 1966

The production of crude petroleum and equivalent hydrocarbon during November 1966 amounted to 30,748,686 barrels, (1,024,956 barrels/day). This was an increase of 12.9% (116,748 barrels/day) from November 1965 according to preliminary statistics. Production during the period January-November 1966 increased 7.4% to 316,779,634 barrels from 294,921,704 barrels in 1965.

Natural gas production in November 1966 increased 11.1% to 144,710,871 Mcf. from 130,283,356 Mcf. in November 1965. Production during the period January-November 1966 increased 7.4% to 1,397,252,500 Mcf. from 1,300,462,710 Mcf. in 1965.

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>Supply</u>										
Domestic production:										
Crude oil	693	108,302	438,231	7,743,901	19,326,663	1,416,658	50,039	29,084,487	...	29,084,487
Less returned to formation	-	-	-	-	980,050	-	-	980,050	...	980,050
Condensate	-	-	-	-	81,754	3,271	-	85,025	...	85,025
Pentanes plus	-	-	-	24,073	2,446,400	88,751	-	2,559,224	...	2,559,224
Net withdrawals	693	108,302	438,231	7,767,974	20,874,767	1,508,680	50,039	30,748,686	...	30,748,686
Imports .....	...	...	...	...	...	...	...	...	14,572,813	14,572,813
Total suppl	693	108,302	438,231	7,767,974	20,874,767	1,508,680	50,039	30,748,686	14,572,813	45,321,499
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces	693	-	-	-	-	-	-	693	4,029,567	4,030,260
Quebec	-	-	-	-	-	-	-	-	10,541,269	10,541,269
Ontario	-	108,302	193,674	4,660,269	4,317,765	-	-	9,280,010	-	9,280,010
Manitoba	-	-	13,308	692,045	631,253	-	-	1,336,606	-	1,336,606
Saskatchewan	-	-	-	429,989	1,462,008	-	-	1,891,997	-	1,891,997
Alberta	-	-	-	62,138	3,071,852	-	-	3,133,990	-	3,133,990
British Columbia	-	-	-	-	1,669,324	1,455,047	-	3,124,371	-	3,124,371
Northwest Territories	-	-	-	-	-	-	57,298	57,298	-	57,298
Totals	693	108,302	206,982	5,844,441	11,152,202	1,455,047	57,298	18,824,965	14,570,836	33,395,801
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains	-	-	-	-	4,656,734	110,462	-	4,767,196	-	4,767,196
East of Rocky Mountains	-	-	-	-	446,649	-	-	446,649	-	446,649
Great Lakes Area	-	-	236,189	2,149,047	3,743,182	-	-	6,128,418	-	6,128,418
Totals	-	-	236,189	2,149,047	8,846,565	110,462	-	11,342,263	-	11,342,263
Deliveries to other purchasers ..	-	-	-	4,576	8,217	-	-	12,793	-	12,793
Inventories:										
Opening - Field and plant	-	-	85,623	404,102	824,658	81,285	77,286	1,472,954	-	1,472,954
Transporters'	-	-	14,736	5,148,478	16,392,267	1,288,217	-	22,843,698	359,022	23,202,720
Closing - Field and plant	-	-	79,572	411,825	880,889	59,173	70,027	1,501,486	-	1,501,486
Transporters'	-	-	16,102	4,895,990	17,026,434	1,254,045	-	23,192,571	359,055	23,551,626
Net change	-	-	- 4,685	- 244,765	690,398	- 56,284	- 7,259	377,405	33	377,438
Pipeline fuel	-	-	- 1,767	-	35,867	-	-	34,100	-	34,100
Field and plant use	-	-	-	3,938	9,682	- 10,904	-	2,716	-	2,716
Losses and adjustments	-	-	1,512	10,737	131,836	10,359	-	154,444	1,944	156,388
Total disposition	693	108,302	438,231	7,767,974	20,874,767	1,508,680	50,039	30,748,686	14,572,813	45,321,499

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, November 1966

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	7,832	1,198,018	6,201,112
2	Less field flared and waste	-	-	1,255,842
3	Net new production (1 - 2)	7,832	1,198,018	4,945,270
4	Reproduced	-	-	-
5	Less injected and stored	-	-	3,858
6	Net withdrawals	7,832	1,198,018	4,941,412
	<u>Disposition</u>			
7	Field disposition and uses	-	-	253,240
8	Gathering system disposition and uses	-	-	105,590
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	202,761
9b	Other disposition and uses	-	-	179,218
0	Other uses	-	-	204,258
1	Adjustment	-	-	- 34,707
2	Deliveries of marketable gas	7,832	1,198,018	4,031,052
3	Total disposition	7,832	1,198,018	4,941,412
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
4	Receipts of marketable gas:			
4a	Plants	-	-	2,063,072
4b	Fields	7,832	1,198,018	1,967,980
5	Total (14a + 14b)	7,832	1,198,018	4,031,052
6	Receipts from distributor storage	-	2,832,969	300,426
7	Other receipts(1)	-	-	-
8	Total supply of marketable gas (15 + 16 + 17)	7,832	4,030,987	4,331,478
	<u>Disposition</u>			
	Sales:			
	British Columbia	-	-	-
	Alberta	-	-	-
	Saskatchewan	-	-	2,937,233
	Manitoba	-	-	15,649
	Ontario	-	3,559,421	-
	Quebec	-	-	-
	New Brunswick	4,427	-	-
	Total sales (19 to 25 inclusive)	4,427	3,559,421	2,952,882
	Exports	-	-	-
	Other deliveries(2)	-	-	-
	Delivered to distributor storage	-	-	397,720
	Pipeline line pack fluctuation	-	-	13,262
	Pipeline fuel	92	20,650	142,541
	Pipeline losses etc.	3,313	450,916	825,073
	Total disposition of marketable gas (26 to 32 inclusive)	7,832	4,030,987	4,331,478

L.P.G. for gas enrichment, peak shaving or temporary supply.
Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, November 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
124,916,819 4,235,484	18,787,066 912,618	37,147 33,179	151,147,994 6,437,123	...	151,147,994 6,437,123	1
120,681,335	17,874,448	3,968	144,710,871	...	144,710,871	2
17,187,178	104,502	-	17,295,538	...	17,295,538	3
103,494,157	17,769,946	3,968	127,415,333	...	127,415,333	4
424,398 463,198	188,329 6,381	- -	865,967 575,169	...	865,967 575,169	5
12,294,587 5,372,935 73,928 - 429,983 85,295,094	531,414 1,467,222 - 4,315 15,546,085	- - 3,968 - -	13,054,962 7,019,375 282,154 - 460,375 106,078,081	...	13,054,962 7,019,375 282,154 - 460,375 106,078,081	6
103,494,157	17,769,946	3,968	127,415,333	...	127,415,333	7
68,614,934 16,680,160	14,999,638 546,447	- -	85,677,644 20,400,437	...	85,677,644 20,400,437	8
85,295,094	15,546,085	-	106,078,081	...	106,078,081	9a
597,620 - 261	- -	- -	3,731,015 - 261	...	3,731,015 - 261	9b
85,892,453	15,546,085	-	109,808,835	3,467,087	113,275,922	10
1,534,039 18,442,879 3,694,921 3,827,588 14,517,938 2,715,501 -	5,880,177 - - - - - -	- - - - - - -	7,414,216 18,442,879 6,632,154 3,843,237 18,077,359 2,715,501 4,427	- 14,561 - - 3,452,526 -	7,414,216 18,457,440 6,632,154 3,843,237 21,529,885 2,715,501 4,427	11
44,732,866	5,880,177	-	57,129,773	3,467,087	60,596,860	12
30,673,211 278,498 - 158,574 164,161 3,811,048 6,391,243	8,498,509 - - 275,728 616,280 275,391	- - - - - -	39,171,720 278,498 239,146 453,151 4,590,611 7,945,936	- - - - - -	39,171,720 278,498 239,146 453,151 4,590,611 7,945,936	13
85,892,453	15,546,085	-	109,808,835	3,467,087	113,275,922	14a
						14b
						15
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2. Electric and Gas Meter Registrations, 1964

Electric Meters, by Customer Division, in Service in Canada, 1964

	1957		1963		1964		% growth rates	
	Number	%	Number	%	Number	%	Average p.a. 1957-64	1963-64
Domestic and farm	4,126,396	86.9	5,087,810	87.5	5,227,579	87.5	3.4	2.7
Commercial	513,835	10.8	602,338	10.4	623,241	10.4	2.8	3.5
Power	108,357	2.3	121,295	2.1	127,611	2.1	2.5	5.2
Totals	4,748,636	100.0	5,811,443	100.0	5,978,431	100.0	3.3	2.9

The growth in total meter registrations in 1964 was slightly lower than the average of the recent past, though the commercial and power sectors grew at an above average rate. The increase in the number of meters in the domestic sector, however, was smaller than that experienced, on average, for the period 1957-64.

Gas Meters, by Fuel Division, in Service in Canada, 1964

	1957		1963		1964		% growth rates	
	Number	%	Number	%	Number	%	1963-64	
Natural gas	599,633	62.8	1,485,042	97.8	1,553,106	97.9	4.6	
Manufactured gas	350,558	36.7	17,384	1.1	15,953	1.0	(8.2)	
Bottled gas	4,843	0.5	15,859	1.1	17,959	1.1	13.2	
Totals	955,034	100.0	1,518,285	100.0	1,587,018	100.0	4.5	

Nearly all gas meters now registered in Canada are of the natural gas type, whereas in 1957 they comprised less than one third of the total. Manufactured gas meters, on the other hand, have declined to the point where they now make up 1% of the total. The number of bottled gas registrations continues to show a steady growth.

Electric Meter Registrations by Province and Type of Service as at December 31, 1964

Province	Domestic	General service (com- mercial)	Power	Farm	Total
Newfoundland	78,202	8,603	847	1	87,653
Prince Edward Island	23,585	3,913	332	-	27,830
Nova Scotia	186,175	22,235	9,767	288	218,465
Brunswick	138,044	15,058	3,643	12,123	168,868
Quebec	1,391,868	169,025	28,871	34,814	1,624,578
Ontario	1,824,471	189,522	32,560	141,631	2,188,184
Manitoba	267,100	39,756	12,632	39,336	358,824
Saskatchewan	181,151	42,054	3,650	62,000	288,855
Alberta	283,304	55,831	15,618	65,547	420,300
British Columbia	488,081	75,981	19,437	4,655	588,154
Yukon	2,315	538	180	-	3,033
Northwest Territories	2,888	725	74	-	3,687
Canada 1964	4,867,184	623,241	127,611	360,395	5,978,431
Canada 1963	4,665,018	602,338	121,295	422,792	5,811,443

3. Coal and Coke Statistics, January 1967

Coal production for the month of January amounted to 1,223,586 tons, an increase of 1.2% over the January 1966 production of 1,209,451¹ tons, while landed imports were 156,825 tons compared to 148,749 tons for the month of January 1966. Consumption by industrial consumers amounted to 1,670,035 tons of coal and 400,890 tons of coke, a decrease of 9,659 tons of coal and 91,891 tons of coke from last year.

Industrial consumer's stocks of coal and coke increased to 5,554,109 tons from 4,504,841 tons in January 1966.

Coke production during the month of January 1967, decreased to 326,694 tons from 375,259 tons in January 1966, while coke used in blast furnaces decreased to 241,114 tons from 342,090 tons during the same period.

Coal and Coke Statistics

January 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	4,009	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	350,448	33,243	251,960	93,187	14,521	24,267	-
New Brunswick	78,738	-	76,273	71,272	79,532	-	-
Quebec	-	30,120	-	138,261	442,476	58,741	107,924
Ontario	-	89,168	-	957,787	4,366,656	291,018	149,957
Manitoba	-	143	-	43,103	91,594	53	97
Saskatchewan	274,579	-	271,399	214,565	219,534	-	-
Alberta	407,348	-	413,629	140,745	25,085	197	111
British Columbia and Yukon ...	112,473	142	77,804	11,115	13,268	26,614	43,354
Total Canada 1967	1,223,586	156,825	1,091,065	1,670,035	5,252,666	400,890	301,443
Total Canada 1966	1,209,451 ¹	148,749	1,110,251	1,679,694	4,230,237	492,781	274,604

Revised figures.

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1. Preliminary Electric Energy Statistics, February 1967

Net generation of electric energy by firms which generate a minimum of 10 million Kwh. per annum increased by 9.0% to 13,757,-125 thousand Kwh. in February 1967 from 12,612,938^r thousand Kwh. in February 1966. Imports from the United States rose 35% to 286,597 thousand Kwh. while exports were up 21% to 338,015 thousand Kwh.

Total generation for the twelve month period ending February 28, 1967 amounted to 159,830,521 thousand Kwh. compared with 158,686,334 thousand Kwh. for the period ending in January.

Preliminary Electric Energy Statistics

(thousand Kwh)

	February		
	1965	1966	1967
Net generation - Hydro	9,090,780	10,159,174 ^r	10,801,193
Thermal	2,393,906 ^r	2,453,764	2,955,932
Total net generation	11,484,686 ^r	12,612,938 ^r	13,757,125
Energy imported from U.S.A.	269,358	213,019	286,597
Energy exported to U.S.A.:			
Firm	63,219	44,734	42,737
Secondary	215,121	233,584	295,278
Total exported to U.S.A.	278,340	278,318	338,015
Net energy used in Canada	11,475,704 ^r	12,547,639 ^r	13,705,707
Secondary energy used in Canada	285,376 ^r	325,436 ^r	252,490
Firm energy used in Canada	11,190,328 ^r	12,222,203 ^r	13,453,217

Revised figures.

2. Supply and Disposal of Electric Energy, 1966

Cumulative monthly data from firms which generate a minimum of 10 million Kwh. per annum indicate that net generation of electric energy in Canada during 1966 amounted to 157,690,044,000 Kwh. compared with 143,160,678,000 Kwh. in 1965, an increase of 10.0%. Output from hydro plants which accounted for 82.5% of the total was up 11.4% while thermal generation increased 4.7%.

Imports of electric energy declined 14.6% from the previous year while exports rose 20.7%. As a result, net exports amounted to 1,252,471,000 Kwh. in 1966 compared with net imports of 7,407,000 Kwh. in 1965.

Total consumption of electricity by ultimate customers increased 9.0% to 138,67,142,000 Kwh. from the 1965 total of 126,867,319,000 Kwh. Power consumers used 4,725,493,000 Kwh. or 69.2% of the total; general service (commercial) customers 3,384,689,000 Kwh. or 9.7%; domestic and farm customers 29,161,891,000 Kwh. or 21.0%. Street lighting accounted for the remaining 995,069,000 Kwh. In addition 11,958,06,000 Kwh. were reported lost or unaccounted for while distribution by non-respondents amounted to 6,211,625,000 Kwh. The latter figure represents energy which is delivered by companies which report in the monthly survey to companies which do not report.

Supply and Disposal of Electric Energy, 1966

(thousand Kwh)

	Year		
	1964	1965	1966
<u>Supply</u>			
Net generation - hydro	113,225,625	116,709,362	130,005,479
thermal	21,066,572	26,451,316	27,684,565
Total net generation	134,292,197	143,160,678	157,690,044
Energy imported from U.S.A.	2,975,610	3,577,639	3,057,315
Total supply of energy	137,267,807	146,738,317	160,747,359
<u>Disposal</u>			
Energy exported to U.S.A. - firm	832,784	634,691	613,869
secondary	3,351,997	2,935,541	3,695,917
Total exported to U.S.A.	4,184,781	3,570,232	4,309,786
Total made available for use in Canada ..	133,083,026	143,168,085	156,437,573
Used in own plant or sold to ultimate customers:			
Power - firm	76,994,091	82,841,906 ^r	90,550,906
secondary	3,415,366	3,821,865 ^r	4,174,587
General service (commercial)	11,082,698	12,398,338	13,384,689
Domestic	23,934,160	25,795,091	27,980,360
Farm	945,237	1,092,482	1,181,531
Street lighting	835,158	917,637	995,069
Total used in own plant or sold to ultimate customers	117,206,710	126,867,319	138,267,142
Unallocated energy	11,057,697	10,633,435	11,958,806
Distribution by non-respondents	4,818,619	5,667,331	6,211,625
Total Disposal of energy	137,267,807	146,738,317	160,747,359

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1. Refined Petroleum Products

Production of refined petroleum products increased 6.2% in January to 33,589,039 barrels from 31,618,715 in the same month last year, according to an advance release of data that will be contained in the January issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil advanced 8.8% in January to 34,191,048 barrels from 31,424,470 a year earlier. There was 6.4% more domestic crude at 19,766,768 barrels versus 18,569,813 and, 12.2% more imported crude at 14,424,280 barrels versus 12,858,657. Domestic disappearance of finished petroleum products increased 2.8% to 39,870,403 barrels from 38,789,150 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, January 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	884,051	407,119	(2)	858,904	812,946	3,308,237
Quebec	3,209,708	818,566	555,278	2,775,539	2,796,946	11,014,675
Ontario	3,623,199	486,549	428,059	1,896,475	1,514,069	9,325,770
Manitoba	585,959	63,753	193,471	208,920	134,419	1,352,326
Saskatchewan	966,395	165,307	274,820	285,199	199,190	2,090,671
Alberta	1,488,803	65,074	584,633	362,972	190,043	3,183,588
B.C.	1,192,201	201,533	752,068	171,415	403,564	3,251,972
Northwest Territories and Yukon	- 39	-	19,191	75	9,246	61,800
Canada totals	11,950,277	2,207,911	2,807,520	6,559,499	6,060,423	33,589,039

(1) Included with Maritimes

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES In Canada Of Selected Petroleum Products, January 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	85,736	160,447	185,906	226,076	268,661	960,494
Maritimes	594,831	364,251	246,738	1,033,591	1,006,252	3,379,376
Quebec	2,473,039	906,848	512,818	3,908,981	2,253,765	11,032,102
Ontario	3,544,160	520,589	584,696	4,909,004	2,100,895	12,908,952
Manitoba	433,572	185,690	138,012	312,467	99,838	1,282,505
Saskatchewan	522,309	225,608	175,115	214,316	94,038	1,443,514
Alberta	905,788	59,791	327,449	132,967	58,915	2,126,448
B.C.	929,315	208,956	475,032	710,069	1,308,532	3,993,393
Northwest Territories and Yukon	9,220	5,591	12,928	17,339	-	52,296
Canada totals	9,497,970	2,637,771	2,658,694	11,464,810	7,190,896	37,179,080

IMPORTS Into Canada Of Selected Petroleum Products, January 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	-	89,850	323,895	422,891	392,227	1,370,512
Quebec	-	-	-	9	153,450	238,565
Ontario	-	-	-	-	385	91,526
Other	666	879	104	128,477	743,135	896,845
Canada totals	666	90,729	323,999	551,377	1,289,197	2,597,448

2. Oil Pipeline Transport, December 1966

Oil movements by Canadian oil pipelines increased 12% in December 1966 with receipts of 50,301,379 barrels compared with 44,929,902 barrels in the preceding year. Within this increase, import receipts increased by 16%; taken over the whole period January/December 1966, imports increased by 22%.

Total traffic amounted to 21,867 million barrel miles with an average length of haul of 441.2 miles.

This data is summarized from the December Oil Pipeline Transport report Catalogue No. 55-001.

Supply and Disposition	Crude oil and equivalent	Refined petroleum products and L.P.G.'S.	Total December 1966	Total December 1965	% of increase or decrease over 1965	Year to date 1966
barrels 35 Canadian gallons						
<u>Net receipts</u>						
Domestic	31,757,375	7,445,692	39,203,067	35,362,671	10.9	423,363,184
Imports	11,051,274	47,038	11,098,312	9,567,231	16.0	112,796,723
Total net receipts	42,808,649	7,492,730	50,301,379	44,929,902	12.0	536,159,907
<u>Net deliveries</u>						
Domestic	30,267,365	7,012,102	37,279,467	34,857,901	6.9	404,221,275
Exports	12,283,493	263,303	12,546,796	9,377,139	33.8	129,761,112
Total net deliveries	42,550,858	7,275,405	49,826,263	44,235,040	12.6	533,982,387
Inventory change	148,553	221,218	369,771	530,980	-	1,224,371

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1. Crude Petroleum and Natural Gas Production, December 1966

The production of crude petroleum and equivalent hydro carbon during December 1966 amounted to 32,275,492 barrels, (1,041,144 barrels/day). This was an increase of 12.4% (114,569 barrels/day) from December 1965, according to preliminary statistics. Production for the entire year 1966 increased 9.2% to 349,055,126 barrels from 319,594,333 barrels in 1965.

Natural gas production in December 1966 increased 5.8% to 151,751,903 Mcf. from 143,450,010 Mcf. in December 1965. Production for the entire year 1966 increased 7.2% to 1,549,004,403 Mcf. from 1,443,912,720 Mcf. in 1965.

The above data will be published in the December Crude Petroleum and Natural Gas Production report Catalogue No. 26-006.

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1966

No.		Mcf.		
		New Brunswick	Ontario	Saskatchewan
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production	9,132	1,801,773	6,742,840
2	Less field flared and waste	-	-	1,218,537
3	Net new production (1 - 2)	9,132	1,801,773	5,524,303
4	Reproduced	-	-	-
5	Less injected and stored	-	-	4,452
6	Net withdrawals	9,132	1,801,773	5,519,851
	<u>Disposition</u>			
7	Field disposition and uses	69	-	290,991
8	Gathering system disposition and uses	-	-	78,967
9	Processing plant disposition and uses:			
9a	Processing shrinkage	-	-	206,054
9b	Other disposition and uses	-	-	174,113
10	Other uses	-	-	199,929
11	Adjustment	-	-	- 11,800
12	Deliveries of marketable gas	9,063	1,801,773	4,581,597
13	Total disposition	9,132	1,801,773	5,519,851
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
14	Receipts of marketable gas:			
14a	Plants	-	-	2,125,195
14b	Fields	9,063	1,801,773	2,456,402
15	Total (14a + 14b)	9,063	1,801,773	4,581,597
16	Receipts from distributor storage	-	7,347,106	226,870
17	Other receipts(1)	-	-	-
18	Total supply of marketable gas (15 + 16 + 17)	9,063	9,148,879	4,808,467
	<u>Disposition</u>			
	Sales:			
19	British Columbia	-	-	-
20	Alberta	-	-	-
21	Saskatchewan	-	-	4,521,310
22	Manitoba	-	-	-
23	Ontario	-	8,304,275	-
24	Quebec	-	-	-
25	New Brunswick	5,443	-	-
26	Total sales (19 to 25 inclusive)	5,443	8,304,275	4,521,310
27	Exports	-	-	-
28	Other deliveries(2)	-	-	-
29	Delivered to distributor storage	-	-	65,656
30	Pipeline line pack fluctuation	-	-	15,997
31	Pipeline fuel	125	24,485	133,592
32	Pipeline losses etc.	3,495	820,119	71,912
33	Total disposition of marketable gas (26 to 32 inclusive)	9,063	9,148,879	4,808,467

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1966

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
129,307,393 4,223,910	20,220,934 893,026	74,626 69,322	158,156,698 6,404,795	...	158,156,698 6,404,795	1
125,083,483	19,327,908	5,304	151,751,903	...	151,751,903	2
-	-	-	-	...	-	3
18,192,961	112,877	-	18,310,290	...	18,310,290	4
106,890,522	19,215,031	5,304	133,441,613	...	133,441,613	5
1,659,154 765,737	- 11,351 560	- -	1,938,863 845,264	...	1,938,863 845,264	6
12,866,197	577,253	-	13,649,504	...	13,649,504	7
5,149,252	1,758,641	-	7,082,006	...	7,082,006	8
75,792	-	5,304	281,025	...	281,025	9a
- 3,572,111	- 36,357	-	- 3,620,268	...	- 3,620,268	9b
89,946,501	16,926,285	-	113,265,219	...	113,265,219	10
106,890,522	19,215,031	5,304	133,441,613	...	133,441,613	11
72,227,133 17,719,368	16,430,862 495,423	- -	90,783,190 22,482,029	...	90,783,190 22,482,029	12
89,946,501	16,926,285	-	113,265,219	...	113,265,219	13
446,791 5,835	- 3,495	- -	8,020,767 9,330	...	8,020,767 9,330	14a
90,399,127	16,929,780	-	121,295,316	4,737,294	126,032,610	14b
1,247,952	5,830,960	-	7,078,912	-	7,078,912	15
21,773,316	-	-	21,773,316	15,489	21,788,805	16
3,065,061	-	-	7,586,371	-	7,586,371	17
5,049,035	-	-	5,049,035	-	5,049,035	18
12,467,461	-	-	20,771,736	4,721,805	25,493,541	19
3,326,149	-	-	3,326,149	-	3,326,149	20
-	-	-	5,443	-	5,443	21
46,928,974	5,830,960	-	65,590,962	4,737,294	70,328,256	22
32,764,325	10,344,460	-	43,108,785	-	43,108,785	23
309,621	-	-	309,621	-	309,621	24
446,038	-	-	511,694	-	511,694	25
142,792	- 143,939	-	14,850	-	14,850	26
3,729,183	706,174	-	4,593,559	-	4,593,559	27
6,078,194	192,125	-	7,165,845	-	7,165,845	28
90,399,127	16,929,780	-	121,295,316	4,737,294	126,032,610	29

... Figures not appropriate or not applicable.

2. Crude Oil Requirements for Refineries 1966 and 1967

Summary of Crude Oil Requirements and New Needs
thousand barrels daily

	1966		1967			
	Requirements		Requirements		New needs	
	Vol.	%	Vol.	%	Vol.	%
Domestic	603	58	615	57	12	36
Imports	435	42	456	43	21	64
Totals	1,038	100	1,071	100	33	100

New needs % increase over previous year 3%

Total requirements (domestic and imports) of crude oil for Canadian refineries are estimated to increase from 1,038,000 barrels daily (B/D) in 1966 to 1,071,000 B/D in 1967, an increase of approximately 3%.

Canadian crude requirements for refining are expected to increase by 2% from 603,000 B/D in 1966 to 615,000 B/D in 1967 while imported crude requirements for refining are expected to rise by 5% from 435,000 B/D in 1966 to 456,000 B/D in 1967.

Forecast new needs of crude oil for refining are expected to amount to 33,000 B/D in 1967, with domestic produced crude supplying 36% of these new needs (12,000 B/D) and imports 64% (21,000 B/D).

3. Crude Oil Requirements for Exports 1966 and 1967

Crude oil exports for the second quarter of 1967 are estimated to average 40,000 B/D, an increase over the actual exports of 33,000 B/D for the same period in 1966.

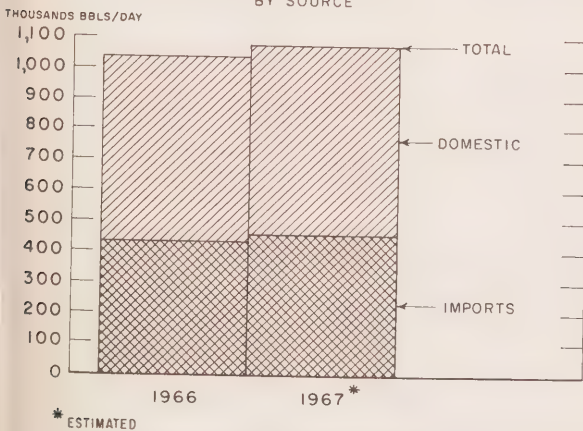
Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

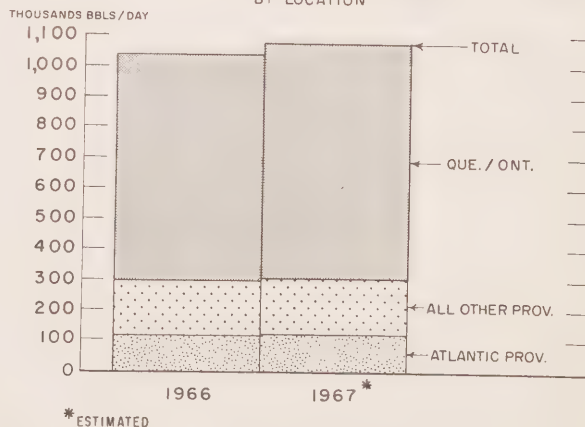
	1966	1967	1966			1967		
	Actual Jan. - Dec.	Estimated Jan. - Dec.	Actual			Estimated		
			Apr.	May	June	Apr.	May	June
'000 barrels per day								
By source								
Domestic:								
Western	599.6	610.8	598.3	573.1	596.6	572.2	589.4	597.8
Eastern	3.6	3.9	3.8	3.8	3.7	3.9	3.9	3.9
Totals	603.2	614.7	602.1	576.9	600.3	576.1	593.3	601.7
Imported	434.4	456.1	400.9	379.4	423.4	405.2	376.7	474.6
Total Requirements	1,037.6	1,070.8	1,003.0	956.3	1,023.7	981.3	970.0	1,076.3
By location								
Atlantic	110.1	118.9	97.7	90.7	100.7	125.4	93.7	127.0
Quebec	322.8	335.7	303.2	285.0	320.3	276.1	280.4	344.8
Ontario	312.8	316.1	314.2	320.6	316.5	319.6	310.7	296.2
Manitoba	40.0	42.2	38.3	20.8	38.2	36.7	39.9	39.6
Saskatchewan	62.1	63.3	64.5	62.2	69.3	51.9	65.5	68.9
Alberta	93.4	94.6	85.9	89.1	96.3	76.3	92.0	94.7
British Columbia	94.4	98.2	96.7	86.9	79.8	92.6	86.7	103.1
North West Territories ...	2.0	1.8	2.5	1.0	2.6	2.7	1.1	2.0
Total Requirements	1,037.6	1,070.8	1,003.0	956.3	1,023.7	981.3	970.0	1,076.3
Exports Requirements(1)	346.8	..	315.7	332.2	350.3	369.1	402.8	427.7

(1) Reported by the pipeline companies.
.. Figures not available.

REFINERY RECEIPTS
BY SOURCE



REFINERY RECEIPTS
BY LOCATION



4. Coal and Coke Statistics, February 1967

Coal production for the month of February amounted to 1,013,752 tons, a decrease of 8.9% from the February 1966 production of 1,112,266 tons, while landed imports were 74,449 tons compared to 131,568 tons for the month of February 1966. Consumption by industrial consumers amounted to 1,563,578 tons of coal and 441,245 tons of coke, an increase of 99,908 tons of coal, and a decrease of 6,944 tons of coke from last year.

Industrial consumer's stocks of coal and coke increased to 4,718,783 tons from 3,768,752 tons in February 1966.

Coke production during the month of February 1967, decreased to 321,368 tons from 343,259 tons in February 1966, and coke used in blast furnaces decreased to 288,462 tons from 306,176 tons during the same period.

Coal and Coke Statistics

February 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	2,998	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	311,807	17,573	236,644	90,713	18,774	17,546	-
New Brunswick	57,237	-	61,847	69,329	58,600	-	-
Quebec	-	19,445	-	129,529	387,188	49,090	104,411
Ontario	-	34,090	-	923,582	3,639,262	349,955	131,896
Manitoba	-	343	-	41,539	89,937	96	114
Saskatchewan	218,988	-	218,799	169,061	218,380	-	-
Alberta	348,747	-	354,137	128,146	15,416	168	116
British Columbia and Yukon ..	76,973	-	81,375	11,679	10,041	24,390	44,648
Total Canada 1967	1,013,752	74,449	952,802	1,563,578	4,437,598	441,245	281,185
Total Canada 1966	1,112,266	131,568	1,023,834	1,463,670	3,535,995	448,189	232,757

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1. Preliminary Estimates of Expenditures of the Oil and Gas - Exploration, Development and Production Industry - 1966

Expenditures by the oil and gas industry during 1966 for exploration, development and production purposes slightly exceeded the one billion dollar mark. Western Canada accounted for 98.0% of the industry expenditures with Alberta accounting for 70.5% of the total followed by Saskatchewan (15.3%) and British Columbia (8.8%).

Geological, geophysical and offshore drilling increased 43.2% to \$102,230 from \$71,388, offsetting land acquisition, rentals and retention which decreased 12.5% to \$226,150 from \$255,438.

1965 was the first year "Net Cash Expenditure" statistics from this industry have been collected by the Dominion Bureau of Statistics although comparable statistics for Western Canada were previously collected and published by the Canadian Petroleum Association.

The 1966 survey conducted by the Dominion Bureau of Statistics encompassed some 375 companies active in the exploration, development and production of oil and gas within Canada and in the offshore waters of the Atlantic and Pacific Oceans and in the Hudson's Bay.

The co-operation and advice of the Canadian Petroleum Association and the provincial governments were received in the conduct of the survey.

Net Cash Expenditures of the Petroleum Industry - 1966

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & N.W.T.	Total Western Canada	Ontario	Quebec Atlantic Provinces off-shore areas	Total Canada 1966
in thousands of dollars									
1. Exploration:									
(a) Geological, geophysical and offshore drilling	130	7,000	69,000	6,000	9,000	91,130	500	10,600(1)	102,230
(b) Land acquisition, rentals and retention	1,300	20,000	170,000	26,100	7,800	225,200	850	100	226,150
(c) Exploratory drilling:									
Dry	400	7,000	50,000	12,000	6,500	75,900	1,100	100	77,102
Productive - Oil	100	2,700	18,000	1,300	-	22,100	50	-	22,150
Gas/condensate ...	-	200	12,000	3,800	3,700	19,700	100	-	19,800
2. Development drilling:									
Dry	100	4,000	15,000	1,600	-	20,700	350	-	21,050
Productive - Oil	500	19,000	58,000	4,500	-	82,000	250	170	82,420
Gas/condensate	-	500	17,000	3,000	-	20,500	650	-	21,150
3. Capital expenditures:									
(a) Field equipment - Oil	400	14,500	27,000	3,300	-	45,200	200	-	45,400
Gas/condensate	-	1,000	12,000	1,700	300	15,000	250	-	15,250
(b) Secondary recovery and pressure maintenance	400	5,000	9,600	9,500	-	24,500	10	-	24,510
(c) Other	100	5,100	11,600	700	-	17,500	100	200	17,800
4. Operations of natural gas plants:									
(a) Capital	-	1,400	42,000	1,200	-	44,600	70	-	44,670
(b) Operating	-	1,700	34,300	2,800	-	38,800	150	-	38,950
5. Operation of wells - Including flow line and related facilities	2,000	38,400	78,000	6,500	300	125,200	4,100	30	129,330
6. General:									
(a) Taxes (excluding income tax)	200	2,800	8,000	300	-	11,300	400	-	11,700
(b) Royalties	1,600	27,500	89,000	7,800	200	126,100	900	-	127,000
(c) All other expenses not allocated above	100	3,000	23,000	1,100	250	27,450	100	190	27,740
Totals	7,330	160,800	743,500	93,200	28,050	1,032,880	10,130	11,390	1,054,400

(1) Includes \$600,000 for Quebec and Maritimes.
 Revised estimates.

Net Cash Expenditures of the Petroleum Industry - 1965

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & N.W.T.	Total Western Canada	Ontario	Quebec Atlantic Provinces off-shore areas	Total Canada 1965
in thousands of dollars									
1. Exploration:									
(a) Geological, geophysical and offshore drilling	126	6,382	42,091	4,877	8,078	61,554	387	9,447	71,388
(b) Land acquisition, rentals and retention	1,030	27,355	197,656	26,500	1,458	253,999	1,397	42	255,438
(c) Exploratory drilling:									
Dry	470	6,453	46,325	5,808	11,033	70,089	1,155	369	71,613
Productive - Oil	109	3,626	16,942	2,318	2,031	25,026	178	-	25,204
Gas/condensate ...	-	68	6,737	1,796	66	8,667	209	-	8,876
2. Development drilling:									
Dry	73	4,229	14,151	1,809	-	20,262	530	-	20,792
Productive - Oil	496	20,354	70,238	6,547	-	97,635	346	-	97,981
Gas/condensate	26	1,063	14,475	2,481	-	18,045	1,349	16	19,410
3. Capital expenditures:									
(a) Field equipment - Oil	407	17,733	31,410	4,525	-	54,075	253	-	54,328
Gas/condensate	-	1,011	9,483	563	11	11,068	622	-	11,690
(b) Secondary recovery and pressure maintenance	155	4,486	9,322	1,253	-	15,216	34	-	15,250
(c) Other	24	644	6,826	698	164	8,356	397	-	8,753
4. Operations of natural gas plants:									
(a) Capital	-	1,915	32,050	1,439	-	35,404	716	-	36,120
(b) Operating	-	1,048	32,547	1,817	-	35,412	223	-	35,635
5. Operation of wells - Including flow line and related facilities	2,339	31,062	67,398	4,513	212	105,524	3,111	68	108,703
6. General:									
(a) Taxes (excluding income tax)	239	2,456	8,267	267	2	11,231	307	2	11,540
(b) Royalties	1,614	25,686	79,303	5,500	179	112,282	666	6	112,954
(c) All other expenses not allocated above	92	3,107	28,480	2,819	8	34,506	161	111	34,778
Totals	7,200	158,678	713,701	75,530	23,242	968,351	12,041	10,061	1,000,453

	1961(1)	1962(1)	1963(1)	1964(1)	1965 ^r	1966 ^p
1. Exploration:						
(a) Geological and geophysical expenditures ...						
(b) Exploratory drilling:						
Dry	52,300	48,000	46,600	50,800	61,554	91,130
Productive - Oil	39,300	53,500	57,800	57,800	70,089	75,900
Gas/condensate	14,700	8,500	11,900	17,000	25,026	22,100
(c) Land acquisition and rentals	19,100	9,700	9,800	14,700	8,667	19,700
(d) Overhead (not included above)	113,500	112,800	121,900	173,200	253,999	225,200
	20,200	22,500	22,400	21,000	(2)	(2)
2. Development drilling:						
Dry	12,500	14,200	12,300	15,200	20,262	20,700
Productive - Oil	84,300	72,700	82,000	85,400	97,635	82,000
Gas/condensate	32,600	21,600	17,100	13,400	18,045	20,500
Overhead (not included above)	8,200	7,900	7,800	10,400	(2)	(2)
3. Capital expenditures:						
(a) Field equipment - Oil	27,600	24,125	26,100	35,400	54,075	45,200
Gas/condensate	6,600	5,025	10,700	12,100	11,068	15,000
(b) Secondary recovery and pressure maintenance project	7,100	11,150	18,800	15,500	15,216	24,500
(c) Other	10,000	16,300	20,500	17,600	8,356	17,500
4. Operations of natural gas plants:						
(a) Capital	61,600	20,700	36,700	42,700	35,404	44,600
(b) Operating	18,700 ^r	26,100 ^r	27,800 ^r	32,400 ^r	35,412	38,800
5. Operation of wells - Including flow line and related facilities	75,000	84,600	101,500	99,600	105,524	125,200
6. General:						
(a) Taxes (excluding income tax)	8,500	6,800	7,300	9,300	11,231	11,300
(b) Royalties	73,200	90,700	101,800	111,100	112,282	126,100
(c) All other expenses not allocated above	20,200	23,200	27,100	25,900	34,506	27,450
Total expenditures - Western Canada	705,200	680,900	767,900	860,500	968,351	1,032,880

(1) Source: Canadian Petroleum Association.

2. Preliminary Electric Energy Statistics - March 1966

Net generation of electric energy in Canada increased 7.1% to 14,566,429 thousand Kwh. in March 1967 from 13,596,765 thousand Kwh. in March 1966. Due to lower streamflow conditions throughout most of eastern Canada and parts of western Canada, hydro electric generation rose by only 1.0% while thermal generation was up 35.5%. For the same reason, secondary energy used in Canada was down 37.6%.

Imports from the U.S.A. increased to 317,384 thousand Kwh. from 215,900 thousand Kwh. and exports increased to 363,120 thousand Kwh. from 304,959 thousand Kwh. in March 1966.

Total generation for the twelve month period ending March 31, 1967 amounted to 160,804,554 thousand Kwh. compared with 159,834,752 thousand Kwh. for the period ending in February.

Preliminary Electric Energy Statistics

(thousand Kwh)

	March		
	1965	1966	1967
Net generation - Hydro	10,000,484	11,171,186 ^r	11,279,036
Thermal	2,402,703 ^r	2,425,579 ^r	3,287,393
Total net generation	12,403,187 ^r	13,596,765	14,566,429
Energy imported from U.S.A.	297,298	215,900	317,384
Energy exported to U.S.A.:			
Firm	69,456	56,674	47,864
Secondary	223,391	248,285	315,256
Total exported to U.S.A.	292,847	304,959	363,120
Net energy used in Canada	12,407,638 ^r	13,507,706	14,520,693
Secondary energy used in Canada	329,818 ^r	361,999	225,410
Firm energy used in Canada	12,077,820 ^r	13,145,707	14,295,283

Revised figures.

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1. Refined Petroleum Products

Production of refined petroleum products increased 1.5% in February to 29,987,726 barrels from 29,543,688 in the same month last year, according to an advance release of data that will be contained in the February issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil advanced 1.0% in February to 29,155,148 barrels from 28,985,026 a year earlier. There was 1.7% less domestic crude at 16,751,319 barrels versus 17,042,148 and, 3.9% more imported crude at 12,403,829 barrels versus 11,942,878. Domestic disappearance of finished petroleum products increased 6.5% to 40,296,444 barrels from 37,846,278 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, February 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	882,629	335,130	(2)	762,525	686,863	3,031,067
Quebec	2,754,673	877,390	742,846	2,279,524	2,433,608	9,968,879
Ontario	3,045,944	473,783	433,834	1,594,936	1,588,112	8,247,249
Manitoba	509,493	23,443	283,095	72,658	129,026	1,167,947
Saskatchewan	855,152	130,719	251,155	264,133	177,706	1,846,821
Alberta	1,328,380	42,358	409,193	417,190	168,830	2,897,826
British Columbia	1,106,074	256,516	554,225	159,701	392,589	2,772,408
Northwest Territories and Yukon	- 9	-	23,928	195	7,068	55,529
Canada totals	10,482,336	2,139,339	2,698,276	5,550,862	5,583,802	29,987,726

(1) Included with Maritimes

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES In Canada Of Selected Petroleum Products, February 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	116,487	165,729	169,573	250,002	69,227	807,250
Maritimes	566,291	400,952	240,796	1,185,887	833,266	3,356,398
Quebec	2,463,795	1,056,688	504,981	4,562,720	2,488,500	11,941,287
Ontario	3,464,574	546,777	584,427	5,594,054	2,191,017	13,589,675
Manitoba	434,840	171,444	144,157	324,099	105,328	1,288,031
Saskatchewan	507,470	211,877	182,516	241,170	82,936	1,294,879
Alberta	917,086	57,321	391,884	136,829	31,073	1,704,981
British Columbia	908,173	199,106	492,650	669,886	807,573	3,359,536
Northwest Territories and Yukon	12,083	5,718	12,752	24,635	-	64,063
Canada totals	9,390,799	2,815,612	2,723,736	12,988,482	6,608,920	37,406,100

IMPORTS Into Canada Of Selected Petroleum Products, February 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	-	-	89,722	-	316,430	465,994
Quebec	-	200	-	9	-	30,114
Ontario	-	-	-	-	-	100,499
All other	526	743	86	-	448,993	478,289
Canada totals	526	943	89,808	9	765,423	1,074,896

2. Coal and Coke Statistics, March 1967

Coal production for the month of March amounted to 1,059,488 tons, an increase of 2.9% over the March 1966 production of 1,029,472 tons, while landed imports were 82,109 tons compared to 98,278 tons for the month of March 1966. Consumption by industrial consumers amounted to 1,564,215 tons of coal and 489,194 tons of coke, an increase of 108,068 tons of coal and a decrease of 13,667 tons of coke from last year.

Industrial consumer's stocks of coal and coke increased to 3,842,044 tons from 3,164,127 tons in March 1966.

Coke production during the month of March 1967, decreased to 356,291 tons from 378,598 tons in March 1966, while coke used in blast furnaces decreased to 324,190 tons from 335,781 tons during the same period.

Coal and Coke Statistics, March 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	327,799	-	236,549	92,017	12,341	18,157	-
New Brunswick	76,347	74	80,051	76,777	48,863	-	-
Quebec	-	21,177	-	126,666	338,517	59,926	33,847
Ontario	-	59,807	-	892,814	2,933,645	383,385	117,125
Manitoba	-	617	-	32,185	82,337	113	97
Saskatchewan	214,566	404	205,269	185,581	207,304	-	-
Alberta	337,803	-	340,623	145,776	14,989	437	120
British Columbia and Yukon ...	102,973	30	76,251	12,399	9,694	27,176	43,165
Total Canada 1967	1,059,488	82,109	938,743	1,564,215	3,647,690	489,194	194,354
Total Canada 1966	1,029,472	98,278	929,208	1,356,147	2,972,083	502,861	192,044

3. Net Sales of Refined Petroleum Products, 1965

The following tables show the end-use breakdown of net sales of refined petroleum products by province, in Canada during 1965. The figures of net sales published in 1965 Refined Petroleum Products (Catalogue No. 45-204) have been amended to incorporate revisions, adjustments, losses and inventory changes, and the resultant revised figures are here broken down by end-use.

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Residential, commercial, farm	11,808	299,850	653,760	1,383,365	324,182	757,868	1,707,547	720,720	14,359	5,873,459
Industrial	-	78,632	707,336	371,433	180,520	-	-	111,022	-	1,448,943
Gas Utilities	-	-	37,683	85,201	288,238	-	-	8,148	-	419,270
Total sales	11,808	278,482	1,398,779	1,839,999	792,940	757,868	1,707,547	839,890	14,359	7,741,672

TABLE 2. Net Sales of Butane and Butane Mixes, 1965

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Residential, commercial, farm	-	94,710	17,910	366,508	-	40,220	528	56,385	-	576,261
Industrial	-	38,751	-	150,335	-	-	-	-	-	193,085
Gas Utilities	-	-	-	-	-	-	-	112,624	-	112,624
Total sales	-	133,461	17,910	520,842	-	40,220	528	169,009	-	881,970

TABLE 3. Net Sales of Naphtha Specialties, 1965

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Paints and varnish manufacture	11	3,070	181,000	37,000	11,340	771	1,387	24,666	-	734,425
Gas cleaning	15	1,340	1,000	1,000	1,000	1,000	1,000	1,000	1	88,598
Other	15	1,340	1,000	1,000	1,000	1,000	1,000	1,000	1	1,255,733
Total sales	15	5,450	183,000	39,000	23,340	2,771	52,079	95,672	3,079	1,255,733

TABLE 4. Net Sales of Aviation Gasoline, 1965

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Canadian airlines	38,937	13,330	28,001	44,126	42,054	5,554	27,647	179,928	82,975	502,397
Foreign airlines	112,940	3,290	1,010	26,771	4,620	-	740	766	9,429	176,543
Federal and provincial governments, armed forces and police forces	2,836	5	26	17	-	-	-	163	-	3,102
General flying	6,301	244,016	48,193	84,686	91,240	3,618	26,540	56,925	14,822	577,141
Other	3,470	14,007	68,459	88,488	41,173	26,926	103,165	71,921	6,616	410,093
Total sales	164,124	285,141	205,346	261,715	182,875	43,349	168,543	342,417	114,606	1,768,106

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
							barrels of 35 Canadian gallons			
Retail pump outlets	1,259,967	6,075,705	24,218,387	36,347,364	4,249,166	4,546,883	6,923,669	8,968,557	99,050	92,688,748
Farms	54,851	899,814	1,312,677	3,938,122	1,731,455	4,152,193	4,111,671	693,848	4,642	16,909,273
Federal and provincial governments, armed forces and police forces	16,472	100,844	188,401	401,277	87,252	56,998	217,839	199,340	9,098	1,277,521
Commercial transportation	18,529	155,419	1,645,844	3,579,128	349,818	200,860	480,046	517,395	7,210	6,954,249
Other	259,534	717,791	2,700,968	3,269,340	179,160	185,377	1,238,209	1,988,930	134,840	10,644,149
Total sales	1,619,353	7,949,573	30,066,277	47,535,231	6,596,851	9,142,311	12,971,434	12,338,070	254,840	128,473,940

TABLE 6. Net Sales of Aviation Turbo Fuel, 1965

Disposition	Newfoundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
				barrels of 35 Canadian gallons						
Canadian airlines	121,719	283,763	1,070,580	1,683,127	476,408	81,838	501,049	543,420	3,553	4,765,407
Foreign airlines	202,164	14,006	1,034,134	83,117	55,457	41	957	1,065	2,317	1,383,258
Foreign governments	60,504	1,626	142	-	-	-	-	-	-	64,055
Federal and provincial governments,				1,056			40		430	
armed forces and police forces ..	25,853	365,018	559,332	352,594	306,028	162,952	211,258	170,749	4,760	2,158,444
Aerobial flying	3,954	6,348	18,907	35,681	5,766	3,486	25,210	8,040	58	104,450
Other	1,340	9,501	82,180	6,357	6,836	1,347	3,753	3,624	37	114,975
Total sales	415,534	680,262	2,752,125	2,161,932	850,495	249,664	742,267	727,328	10,982	8,590,589

TABLE 7. Net Sales of Kerosene, Stove Oil and Tractor Fuel, 1965

Disposition	Newfoundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
	981,425	2,468,972	7,471,051	3,107,198	843,185	1,252,027	271,522	1,241,859	33,259	16,210,047
Residential, apartment and farm use										
Commercial heating (excluding apartments)	126,206	98,563	150,462	253,045	74,682	63,376	53,137	65,176	20,102	904,748
Railways	21,654	11,765	113,815	52,452	21,160	41,710	13,560	14,857	1,740	292,713
Governments, police forces and armed forces	19,491	12,466	48,948	36,038	18,547	17,286	11,520	33,136	69,993	265,445
Marine (excluding Navy)	1,935	2,238	5,009	2,598	1	1	-	14,880	-	26,662
Industrial/commercial (excluding commercial heating):										
(a) Forest products	9,071	4,638	46,173	31,572	2,045	7,677	6,275	73,336	57	180,844
(b) Mining and smelting	1,486	859	18,874	23,868	4,325	1,660	6,275	98,532	22,791	178,670
(c) Other	18,692	53,809	92,971	116,926	63,392	37,240	68,362	186,638	50,870	688,900
Total industrial	29,249	59,306	158,018	172,366	69,762	46,577	80,912	338,506	73,718	1,048,414
Sales other	50	531	49,136	715	604	367	1,443	35,401	199	88,446
Total sales	1,182,010	2,847,788	6,345,040	3,617,432	1,027,941	1,421,344	432,094	1,763,815	199,011	18,836,475

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Residential, apartment and farm use	32,673	182,457	299,392	482,465	528,349	1,498,013	928,431	216,519	24,788	4,193,087
Commercial heating (excluding apartment)	1	8,551	34,832	38,677	5,152	14,923	3,522	3,233	-	108,891
Railways:										
(a) Locomotive running fuel	209,519	854,081	2,684,677	3,046,241	891,268	901,835	1,973,867	838,723	1,875	11,402,086
(b) Other	141,582	104,941	99,654	69,295	21,314	16,343	45,286	7,489	-	505,904
Totals	351,101	959,022	2,784,331	3,115,536	912,582	918,178	2,019,153	846,212	1,875	11,907,990
Governments, police forces and armed forces	117,443	168,418								
Marine (excluding Navy)	856,509	1,019,221	199,053	264,418	217,025	50,353	119,125	364,139	24,126	1,524,100
Industrial/commercial (excluding commercial heating):			1,310,853	181,866	4,727	56	76	997,443	2,877	4,373,628
(a) Forest products	30,170	31,395	260,693	289,260	6,587	6,684	66,381	1,139,985	1,308	1,832,463
(b) Mining and smelting	49,240	28,506	465,734	297,601	13,642	70,851	289,819	243,049	70,401	1,528,843
(c) Other	258,331	324,149	834,706	1,000,006	374,183	545,343	1,023,196	1,194,346	205,706	5,760,566
Total industrial	338,341	384,050	1,561,133	1,586,867	394,412	622,878	1,379,396	2,577,380	277,415	9,121,872
Commercial transportation	9,503	53,145	899,510	1,104,831	189,209	166,832	351,680	381,678	10,890	3,167,278
Retail pump outlets	7,222	15,948	92,949	216,412	64,883	120,480	195,490	136,086	12,427	861,897
Sales other	8,294	281,878	25,273	729	2,362	-	9,471	21	-	328,028
Total sales	1,721,087	3,072,690	7,207,326	6,991,801	2,318,701	3,391,713	5,006,344	5,522,711	354,398	35,586,771

TABLE 9. Net Sales of Light Fuel Oil, 1965

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Residential, apartment and farm use	1,181,744	5,884,140	19,654,377	26,712,707	1,862,986	1,419,751	786,132	3,709,928	88,394	61,280,159
Commercial heating (excluding apartment)	298,939	491,239	3,541,877	4,207,096	133,390	152,059	56,284	506,901	24,882	9,412,667
Railways	8,839	7,977	78,073	127,004	17,476	32,087	21,512	5,701	567	299,236
Governments, police forces and armed forces	89,863	208,211	308,592	516,404	60,968	39,036	39,396	147,296	91,631	1,501,397
Marine (excluding Navy)	45	15,235	72,217	37,186	-	-	-	2,618	272	127,573
Industrial/commercial (excluding commercial heating):										
(a) Forest products	6,886	50,750	78,448	150,094	4,647	3,057	13,161	82,310	26	389,389
(b) Mining and smelting	26,938	10,453	355,030	375,754	23,771	64,483	67,787	45,056	54,310	1,017,582
(c) Other	89,706	286,818	775,192	1,407,456	81,374	101,475	190,830	261,515	81,663	3,276,029
Total industrial	117,540	348,021	1,208,670	1,933,304	109,792	169,015	271,778	388,881	135,999	4,683,000
Sales other	112	344,282	304,370	23,996	186	357	170	100	-	673,573
Total sales	1,697,082	7,299,105	25,148,176	33,557,697	2,184,798	1,812,305	1,175,272	4,761,425	341,745	77,977,605

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Residential, apartment and farm use	-	8,246	2,622,488	842,437	30,870	12,040	-	300,980	-	3,817,061
Commercial heating (excluding apartments)	76,316	1,235,009	8,844,812	5,358,566	373,120	133,795	155,236	640,790	414	16,818,058
Railways	178,409	176,176	496,371	177,229	20,496	48,274	113,303	194,333	-	1,404,591
Governments, police forces and armed forces	130,192	47,898	554,384	530,882	120,122	197,200	14,891	409,963	2,195	2,007,727
Marine (excluding Navy)	206,252	2,368,451	4,662,528	2,493,892	-	-	-	944,606	-	10,675,729
Industrial/commercial (excluding commercial heating):										
(a) Forest products	1,393,808	1,513,927	6,058,581	930,641	16,400	12,515	20,786	3,872,924	-	13,819,582
(b) Mining and smelting	715,687	1,630,485	2,131,180	7,514,325	321,740	24,600	51,183	84,805	44,377	12,518,382
(c) Other	348,675	2,189,869	5,848,749	4,957,468	453,888	318,677	112,681	1,101,049	59,245	15,390,301
Total industrial	2,458,170	5,334,281	14,038,510	13,402,434	792,028	355,792	184,650	5,058,778	103,622	41,728,265
Sales other	87,544	889,671	328,441	-	1,093	-	-	119,571	-	1,426,320
Total sales	3,136,883	10,059,732	31,547,534	22,805,440	1,337,729	747,101	468,080	7,669,021	106,231	77,877,751

TABLE 11. Net Sales of Asphalt, 1965

Disposition	New-foundland	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories and Yukon	Canada
barrels of 35 Canadian gallons										
Paving	200,761	778,463	2,185,932	2,409,492	321,827	629,516	1,162,365	788,662	1,979	8,478,997
Manufacturing	2,591	36,363	917,184	831,028	105,798	39,855	269,757	193,471	-	2,396,047
Other	1,287	67,495	67,545	24,312	3,523	10,659	19,304	3,673	-	197,798
Total sales	204,639	882,321	3,170,661	3,264,832	431,148	680,030	1,451,426	985,806	1,979	11,072,842

Disposition	New- foundland	Maritimes	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Terri- tories and Yukon	Canada
barrels of 35 Canadian gallons										
<u>Oils</u>										
Retail pump outlets	20,146	94,603	310,102	460,183	53,106	58,324	117,929	89,347	821	1,204,561
Aviation	793	448	3,919	5,382	1,619	365	1,992	3,841	713	19,072
Railways	9,446	11,972	67,595	51,408	34,291	1,542	74,865	13,334	118	264,571
Governments, police forces and armed forces	2,894	12,842	9,642	98,663	5,734	2,683	8,799	12,282	692	154,231
Marine (excluding Navy)	7,311	12,716	33,633	7,243	863	5	37	46,217	794	108,819
Farms	3,541	20,860	37,100	60,285	49,334	113,897	89,704	24,329	307	399,357
Other - (a) Motor crankcase oils ...	25,265	29,069	178,069	255,635	23,629	49,190	62,757	126,137	1,276	751,027
(b) Other lubricating oils	19,265	48,500	219,998	566,346	33,343	62,534	92,885	112,558	6,702	1,162,131
Totals	88,661	231,010	860,058	1,505,145	201,919	288,540	448,968	428,045	11,423	4,063,769
<u>Greases</u>										
Retail pump outlets	785	5,271	12,600	17,651	3,228	2,147	3,001	3,500	8	48,191
Aviation	8	8	52	26	9	-	7	23	4	137
Railways	1,265	836	2,779	1,399	1,443	66	1,636	219	-	9,643
Governments, police forces and armed forces	485	581	441	3,577	256	86	743	619	5	6,793
Marine (excluding Navy)	62	85	478	1,092	1	-	8	251	10	1,987
Farms	73	930	1,948	4,754	4,039	10,867	5,259	768	5	28,643
Other	2,633	4,335	26,117	42,471	2,316	3,173	6,313	12,921	178	100,457
Totals	5,311	12,046	44,415	70,970	11,292	16,339	16,967	18,301	210	195,851
Total, all sales	93,972	243,056	904,473	1,576,115	213,211	304,879	465,935	446,346	11,633	4,259,620

IND-SB-2-(17)

June 16, 1967

ANNUAL ELECTRIC POWER SURVEY OF CAPABILITY AND LOAD

Preliminary Data

Review of Survey Results

Total net generating capability in 1966 for firms which generate over 10 million kwh. per year increased 1,097,000 kw. or 3.94 per cent to 28,933,000 kw. The forecast years 1967-71 indicate an anticipated growth of 14,817,000 kw. or a compound growth rate of 8.62 per cent as compared with the 1956-1966 growth rate of 6.80 per cent. Thermal capability is expected to grow at an annual rate of 15.18 per cent in the forecast period compared with an actual rate of 13.31 per cent in the previous ten year period, while hydro-electric capability is expected to increase at 5.91 per cent compared with 5.27 per cent in the previous ten years. The hydro-electric capability forecast figures do not include the Churchill Falls development in Labrador which is not expected to be developed in the forecast period. Eighty per cent of the thermal capability growth will be in fossil-fueled steam plants, sixteen per cent in nuclear fueled steam plants and four per cent in gas turbine plants.

The first nuclear capability is forecast for 1967. The nuclear capability does not include the 20,000 kw. plant at Rolphton, Ontario, which is an experimental plant and therefore is not considered part of the capability. However, energy generated in this plant has been fed into the system and is included in Table 1. It is expected that by 1971 nuclear capability will reach 1,200,000 kw. or 2.7 per cent of the total Canadian generating capability.

In 1965 it was forecast that the net generating capability in 1966 would be 29,694,000^r kw. The actual net generating capability fell short of this estimate by 761,000 kw. This was caused by the delay of the installation of some units until 1967 and by some units being put into service too late in the year to be considered part of the generating capability at the time of the firm power peak load. The 1966 capability was significantly below the 1965 forecast in Ontario, Alberta and British Columbia.

The largest absolute growths in generating capability for the forecast period are indicated for Ontario, 5,322,000 kw.; Quebec, 3,668,000 kw.; British Columbia, 2,073,000 kw. and Alberta, 1,121,000 kw. Three million six hundred and fourteen thousand kw. of the increased generating capability in Ontario will be in fossil fueled plants, (steam, internal combustion and gas turbine) while nuclear fueled steam plants will account for 1,200,000 kw. of the increase. Quebec plans to increase its capability by adding 3,327,000 kw. hydro and 341,000 kw. in fossil fueled steam plants. British Columbia is forecasting an increase of 1,706,000 kw. in hydro capability and 367,000 kw. in thermal capability, while Alberta estimates increases of 188,000 kw. and 933,000 kw. in hydro and thermal capability respectively.

In the period from 1956 to 1966 the compound growth rate of firm power peak load in Canada was 6.63 per cent. This growth rate is expected to increase to 7.14 per cent during the forecast years 1967 to 1971. During the forecast period the indicated reserve is expected to increase from 2,973,000 kw. in 1966 to 7,004,000 kw. in 1971. The indicated reserve, stated as a percentage of firm power peak load, amounted to 11.4 per cent in 1966 and it is forecast that it will be 19.1 per cent in 1971.

Firm energy requirements increased 9.1 per cent from 139,-049^r million kwh. in 1965 to 151,653 million kwh. in 1966 compared with a compound growth rate of 6.5 per cent in the previous ten year period and a forecast growth rate of 6.8 per cent for the period 1967-1971. The additional firm energy requirement was supplied by an increase in net generation of 14,020 million kwh. Net exports increased by 740 million kwh. in 1966 and secondary energy delivered within Canada rose by 154 million kwh.

The Annual Electric Power Survey of Capability and Load conducted in March 1967 covers all producers of electric energy in Canada which generate 10 million kwh. or more per annum. There are approximately 150 responding firms in the group, about half of which are utilities and half industrial establishments. The combined group accounts for 99.5 per cent of all generation and all the imports and exports. The utilities group contributes approximately 80 per cent of the generation to the Canada total.

The survey is carried out in co-operation with the Canadian Electrical Association. Area representatives of the Association collect and edit the returns, which are forwarded to the Dominion Bureau of Statistics for final revision, editing and compilation. On June 6, 1967, a meeting of the co-ordinating panel was held to discuss the final compilation prior to the publication of the report. The assistance received from the Canadian Electrical Association and its members has been invaluable in all phases of the preparation of this report.

Complete details of the survey will be found in the publication Electric Power Statistics, Volume 1, Annual Electric Power Survey of Capability and Load, Catalogue No. 57-204 which will be published in August.

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
thousands of kilowatts											
Capability:											
Net generating capability:											
1. Hydro-electric	12,841	18,651	19,241 ^r	19,493 ^r	20,779 ^r	21,459	22,539	23,837	26,023	26,882	28,598
2. Steam - Conventional)		(4,596	5,194	5,422	6,354	6,634	8,573	9,068	10,861	11,702	12,806
3. Nuclear)		(-	-	-	-	-	200	200	200	700	1,200
4. Internal combustion)	2,142	(251	236	255	243 ^r	257	260	266	267	277	289
5. Gas turbine)		(371	382	384	460	583	872	851	851	857	857
6. Total net generating capability	14,983	23,869	25,053 ^r	25,554 ^r	27,836 ^r	28,933	32,444	34,222	38,202	40,418	43,750
Receipts of firm power from:											
7. Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
8. United States	56	4	2	2	-	100	-	-	-	-	-
9. Total receipts	56	4	2	2	-	100	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
11. United States	147	121	122	127	89	87	88	89	91	93	79
12. Total deliveries	147	121	122	127	89	87	88	89	91	93	79
13. Total net capability (6 + 9 - 12)	14,892	23,752	24,933 ^r	25,429 ^r	27,747 ^r	28,946	32,356	34,133	38,111	40,325	43,671
Peak loads:											
14. Firm power peak load within province	13,668	18,972	20,755	22,503	24,199 ^r	25,973	28,351	30,300	32,146	34,329	36,667
15. Indicated shortages	47	-	28	13	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	13,715	18,972	20,783	22,516	24,199 ^r	25,973	28,351	30,300	32,146	34,329	36,667
17. Firm power peak load on province (12 + 16)	13,862	19,093	20,905	22,643	24,288 ^r	26,060	28,439	30,389	32,237	34,422	36,746
Indicated reserve:											
18. Indicated reserve (13 - 16)	1,177	4,780	4,150 ^r	2,913 ^r	3,548 ^r	2,973	4,005	3,833	5,965	5,996	7,004
18a Reduction in generating capability due to adverse conditions .....	..	..	354 ^r	216 ^r	130 ^r	101	...	...	...	...	...

See symbols at end of Table 13.

TABLE 2. Capability and Firm Power Peak Load in Newfoundland

	Actual							Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	
	thousands of kilowatts											
Capability:												
Net generating capability:												
1. Hydro-electric	215	350	444	442	446	454	695	770	815	890	890	
2. Steam - Conventional )	(	45	45	45	45	52	52	52	47	47	47	
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	
4. Internal combustion )	(	14	7	11	11	13	13	13	13	13	13	
5. Gas turbine )	(	-	-	-	-	25	40	15	15	15	15	
6. Total net generating capability	242	409	496	498	502	544	800	850	890	965	965	
Receipts of firm power from:												
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-	
8. United States	-	-	-	-	-	-	-	-	-	-	-	
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-	
Deliveries of firm power to:												
10. Other provinces	6	13	10	8	7	10	9	9	9	9	9	
11. United States	-	-	-	-	-	-	-	-	-	-	-	
12. Total deliveries	6	13	10	8	7	10	9	9	9	9	9	
13. Total net capability (6 + 9 - 12)	236	396	486	490	495	534	791	841	881	956	956	
Peak loads:												
14. Firm power peak load within province	222	294	349	376	422	450	587	632	741	755	771	
15. Indicated shortages	2	-	28	13	-	-	-	-	-	-	-	
16. Total indicated firm power peak load within province (14 + 15)	224	294	377	389	422	450	587	632	741	755	771	
17. Firm power peak load on province (12 + 16)	230	307	387	397	429	460	596	641	750	764	780	
Indicated reserve:												
18. Indicated reserve (13 - 16)	12	102	109	101	73	84	204	209	140	201	185	
18a Reduction in generating capability due to adverse conditions .....	..	..	14	12	12	46	...	...	...	...	...

See symbols at end of Table 13.

TABLE 3. Capability and Firm Power Peak Load in Prince Edward Island

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	thousands of kilowatts										
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	-	-	-	-	-	-	-	-	-	-	-
2. Steam - Conventional)	(32	51	51	51	51	51	51	71	71	71	71
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	-
4. Internal combustion)	(5	7	7	7	7	7	7	7	10	10	10
5. Gas turbine)	(-	-	-	-	-	-	-	-	-	-	-
6. Total net generating capability	18	37	58	58	58	58	58	78	81	81	81
Receipts of firm power from:											
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces	-	-	-	-	-	-	-	-	-	-	-
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	-	-	-	-	-	-	-	-	-	-	-
13. Total net capability (6 + 9 - 12)	18	37	58	58	58	58	58	78	81	81	81
<u>Peak loads:</u>											
14. Firm power peak load within province	12	25	27	31	35	37	42	47	52	59	65
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	12	25	27	31	35	37	42	47	52	59	65
17. Firm power peak load on province (12 + 16)	12	25	27	31	35	37	42	47	52	59	65
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	6	12	31	27	23	21	16	31	29	22	16
18a Reduction in generating capability due to adverse conditions .....	..	..	-	-	-	-	...	...	...	...	...

See symbols at end of Table 13.

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
thousands of kilowatts											
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	136	141	143	141	141	141	150	161	161	166	166
2. Steam - Conventional)	(378	(	387	383	482	482	518	518	744	744	886
3. Nuclear)	((-	-	-	-	-	-	-	-	-
4. Internal combustion )	(	(	2	3	3	3	3	3	3	3	3
5. Gas turbine)	((-	-	-	-	-	-	-	-	-
6. Total net generating capability	378	521	532	527	626	626	671	682	908	913	1,055
Receipts of firm power from:											
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces	2	1	1	1	25	-	-	-	-	-	-
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	2	1	1	1	25	-	-	-	-	-	-
13. Total net capability (6 + 9 - 12)	376	520	531	526	601	626	671	682	908	913	1,055
<u>Peak loads:</u>											
14. Firm power peak load within province	301	388	411	438	457	496	539	585	645	682	722
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	301	388	411	438	457	496	539	585	645	682	722
17. Firm power peak load on province (12 + 16)	303	389	412	439	482	496	539	585	645	682	722
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	75	132	120	88	144	130	132	97	263	231	333
18a Reduction in generating capability due to adverse conditions .....	..	..	-	-	-	-	...	...	...	...	...

See symbols at end of Table 13.

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
thousands of kilowatts											
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	112	233	224	222	260	251	357	458	468	478	485
2. Steam - Conventional )	(	240	304	305	310	421	538	538	632	632	632
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-
4. Internal combustion )	(	7	7	7	7	7	7	7	7	7	7
5. Gas turbine)	(-	-	-	-	-	-	-	-	-	-
6. Total net generating capability	286	480	535	534	577	679	902	1,003	1,107	1,117	1,124
Receipts of firm power from:											
7. Other provinces	5	6	5	9	33	8	7	7	8	9	10
8. United States	-	2	2	2	-	-	-	-	-	-	-
9. Total receipts	5	8	7	11	33	8	7	7	8	9	10
Deliveries of firm power to:											
10. Other provinces	-	-	-	2	-	-	-	-	-	-	-
11. United States	5	28	28	31	37	38	38	38	39	40	41
12. Total deliveries	5	28	28	33	37	38	38	38	39	40	41
13. Total net capability (6 + 9 - 12)	286	460	514	512	573	649	871	972	1,076	1,086	1,093
<u>Peak loads:</u>											
14. Firm power peak load within province	243	347	401	461	528	544	554	604	649	708	770
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	243	347	401	461	528	544	554	604	649	708	770
17. Firm power peak load on province (12 + 16)	248	375	429	494	565	582	592	642	688	748	811
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	43	113	113	51	45	105	317	368	427	378	323
18a Reduction in generating capability due to adverse conditions .....	..	..	-	-	-	8	...	...	...	...	...

See symbols at end of Table 13.

TABLE 6. Capability and Firm Power Peak Load in Quebec

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	thousands of kilowatts										
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	5,854	8,830	8,846 ^r	8,982 ^r	9,768 ^r	10,141	10,406	10,427	11,864	12,390	13,468
2. Steam - Conventional )	(	41	59	192	361	374	698	698	711	711	711
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-
4. Internal combustion )	(	12	10	15	13	15	17	19	19	19	19
5. Gas turbine )	(	36	36	36	36	36	36	36	36	36	36
6. Total net generating capability	5,890	8,919	8,951 ^r	9,225 ^r	10,178 ^r	10,566	11,157	11,180	12,630	13,156	14,234
Receipts of firm power from:											
7. Other provinces	7	15	12	18	7	10	9	9	9	9	9
8. United States	4	2	-	-	-	-	-	-	-	-	-
9. Total receipts	11	17	12	18	7	10	9	9	9	9	9
Deliveries of firm power to:											
10. Other provinces	691	697	703	717	635	633	632	581	582	251	252
11. United States	56	4	6	6	6	2	2	2	2	2	2
12. Total deliveries	747	701	709	723	641	635	634	583	584	253	254
13. Total net capability (6 + 9 - 12)	5,154	8,235	8,254 ^r	8,520 ^r	9,544 ^r	9,941	10,532	10,606	12,055	12,912	13,989
<u>Peak loads:</u>											
14. Firm power peak load within province	4,749	6,370	7,118	7,651	8,228	8,761	9,320	10,028	10,352	11,155	12,004
15. Indicated shortages	44	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	4,793	6,370	7,118	7,651	8,228	8,761	9,320	10,028	10,352	11,155	12,004
17. Firm power peak load on province (12 + 16)	5,540	7,071	7,827	8,374	8,869	9,396	9,954	10,611	10,936	11,408	12,258
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	361	1,865	1,136 ^r	869 ^r	1,316 ^r	1,180	1,212	578	1,703	1,757	1,985
18a Reduction in generating capability due to adverse conditions .....	..	..	10 ^r	3 ^r	70 ^r	11	...	...	...	...	...

See symbols at end of Table 13.

TABLE 7. Capacity and Firm Power Peak Load in Ontario .

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
thousands of kilowatts											
<u>Capacity:</u>											
Net generating capacity:											
1. Hydro-electric	3,778	5,285	5,601	5,603	5,548	5,687	5,852	5,968	6,195	6,195	6,195
2. Steam - Conventional )	(	( 1,926	2,376	2,379	2,885	2,947	3,882	4,197	5,271	5,812	6,349
3. Nuclear )	(	(	-	-	-	-	200	200	200	700	1,200
4. Internal combustion )	(	( 12	12	8	7	7	10	10	10	21	26
5. Gas turbine )	(	(	-	-	74	149	342	342	342	342	342
6. Total net generating capacity	4,565	7,223	7,989	7,990	8,514	8,790	10,286	10,717	12,018	13,070	14,112
Receipts of firm power from:											
7. Other provinces	702	692	699	709	627	625	625	574	574	242	242
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	702	692	699	709	627	625	625	574	574	242	242
Deliveries of firm power to:											
10. Other provinces	1	2	2	8	-	-	-	-	-	-	-
11. United States	86	89	88	90	46	47	48	49	50	51	36
12. Total deliveries	87	91	90	98	46	47	48	49	50	51	36
13. Total net capacity (6 + 9 - 12)	5,180	7,824	8,598	8,601	9,095	9,368	10,863	11,242	12,542	13,261	14,318
<u>Peak loads:</u>											
14. Firm power peak load within province	5,064	6,913	7,410	7,897	8,596	9,157	9,728	10,220	10,929	11,611	12,354
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	5,064	6,913	7,410	7,897	8,596	9,157	9,728	10,220	10,929	11,611	12,354
17. Firm power peak load on province (12 + 16)	5,151	7,004	7,500	7,995	8,642	9,204	9,776	10,269	10,979	11,662	12,390
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	116	911	1,188	704	499	211	1,135	1,022	1,613	1,650	1,964
18a Reduction in generating capacity due to adverse conditions .....	..	..	321	192	16	15	...	...	...	...	...

See symbols at end of Table 13.

See symbols at end of Table 13.

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	thousands of kilowatts										
Capacity:											
Net generating capacity:											
1. Hydro-electric	82	107	208	309	309	392	392	560	560	560	560
2. Steam - Conventional)	(575	492	492	529	535	531	531	531	671	811	951
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	-
4. Internal combustion)	(37	36	36	35	35	33	33	33	33	33	33
5. Gas turbine)	(33	39	39	39	41	40	85	85	85	85	85
6. Total net generating capacity	402	752	775	912	920	996	1,041	1,209	1,349	1,489	1,629
Receipts of firm power from:											
7. Other provinces	-	-	-	-	1	1	41	1	1	1	1
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	1	1	41	1	1	1	1
Deliveries of firm power to:											
10. Other provinces	64	87	134	94	83	84	86	86	136	186	86
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	64	87	134	94	83	84	86	86	136	186	86
13. Total net capacity (6 + 9 - 12)	338	665	641	818	838	913	996	1,124	1,214	1,304	1,544
Peak loads:											
14. Firm power peak load within province	278	497	531	619	685	761	865	969	1,081	1,198	1,331
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	278	497	531	619	685	761	865	969	1,081	1,198	1,331
17. Firm power peak load on province (12 + 16)	342	584	665	713	768	845	951	1,055	1,217	1,384	1,417
Indicated reserve:											
18. Indicated reserve (13 - 16)	60	168	110	199	153	152	131	155	133	106	213
18a Reduction in generating capacity due to adverse conditions .....	..	..	7	-	-	-	...	...	...	...	...

See symbols at end of Table 13.

TABLE 10. Capability and Firm Power Peak Load in Alberta

	Actual							Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	
	thousands of kilowatts											
<u>Capability:</u>												
Net generating capability:												
1. Hydro-electric	220	327	326	326	490	490	678	678	678	678	678	
2. Steam - Conventional )	(	643	713	748	750	820	1,158	1,158	1,308	1,468	1,753	
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	
4. Internal combustion )	(	33	31	31	24	26	26	26	26	26	26	
5. Gas turbine )	(	130	130	130	131	155	155	155	155	155	155	
6. Total net generating capability	558	1,133	1,200	1,235	1,395	1,491	2,017	2,017	2,167	2,327	2,612	
Receipts of firm power from:												
7. Other provinces	4	-	-	-	-	-	-	-	-	-	-	
8. United States	-	-	-	-	-	-	-	-	-	-	-	
9. Total receipts	4	-	-	-	-	-	-	-	-	-	-	
Deliveries of firm power to:												
10. Other provinces	-	4	10	12	19	19	19	18	18	17	17	
11. United States	-	-	-	-	-	-	-	-	-	-	-	
12. Total deliveries	-	4	10	12	19	19	19	18	18	17	17	
13. Total net capability (6 + 9 - 12)	562	1,129	1,190	1,223	1,376	1,472	1,998	1,999	2,149	2,310	2,595	
<u>Peak loads:</u>												
14. Firm power peak load within province	451	882	984	1,106	1,121	1,219	1,482	1,610	1,784	1,943	2,114	
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-	
16. Total indicated firm power peak load within province (14 + 15)	451	882	984	1,106	1,121	1,219	1,482	1,610	1,784	1,943	2,114	
17. Firm power peak load on province (12 + 16)	451	886	994	1,118	1,140	1,238	1,501	1,628	1,802	1,960	2,131	
<u>Indicated reserve:</u>												
18. Indicated reserve (13 - 16)	111	247	206	117	255	253	516	389	365	367	481	
18a Reduction in generating capability due to adverse conditions .....	..	..	-	-	-	-	...	...	...	...	...

See symbols at end of Table 13.

TABLE 11. Capability and Firm Power Peak Load in British Columbia

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
thousands of kilowatts											
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	1,866	2,599	2,670	2,689	2,692	2,779	2,885	3,592	4,017	4,260	4,485
2. Steam - Conventional )	(	424	475	498	643	664	853	1,013	1,016	1,016	1,016
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-
4. Internal combustion )	(	112	106	117	115	121	118	121	119	113	120
5. Gas turbine )	(	172	177	177	177	177	189	193	193	193	193
6. Total net generating capability	2,019	3,307	3,428	3,481	3,627	3,741	4,045	4,919	5,345	5,582	5,814
Receipts of firm power from:											
7. Other provinces	-	4	10	12	19	19	19	18	18	17	17
8. United States	52	-	-	-	-	100	-	-	-	-	-
9. Total receipts	52	4	10	12	19	119	19	18	18	17	17
Deliveries of firm power to:											
10. Other provinces	4	-	-	-	-	-	-	-	-	-	-
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	4	-	-	-	-	-	-	-	-	-	-
13. Total net capability (6 + 9 - 12)	2,067	3,311	3,438	3,493	3,646	3,860	4,064	4,937	5,363	5,599	5,831
<u>Peak loads:</u>											
14. Firm power peak load within province	1,724	2,317	2,537	2,886	3,058	3,421	3,887	4,139	4,337	4,537	4,744
15. Indicated shortages	1	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	1,725	2,317	2,537	2,886	3,058	3,421	3,887	4,139	4,337	4,537	4,744
17. Firm power peak load on province (12 + 16)	1,729	2,317	2,537	2,886	3,058	3,421	3,887	4,139	4,337	4,537	4,744
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	342	994	901	607	588	439	177	798	1,026	1,062	1,087
18a Reduction in generating capability due to adverse conditions .....	..	..	2	9	12	16	...	...	...	...	...

See symbols at end of Table 13.

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
thousands of kilowatts											
<u>Capability:</u>											
Net generating capability:											
1. Hydro-electric	22	44	44	44	64	63	63	52	60	60	60
2. Steam - Conventional)	(1	1	1	1	1	1	1	1	1	1	1
3. Nuclear)	(-	-	-	-	-	-	-	-	-	-	-
4. Internal combustion)	(10	11	13	12 ^r	12 ^r	14	14	15	15	16	16
5. Gas turbine)	(-	-	2	2	1	1	1	1	1	7	7
6. Total net generating capability	23	55	56	60	78 ^r	79	79	69	77	84	84
Receipts of firm power from:											
7. Other provinces	-	-	-	-	-	-	-	-	-	-	-
8. United States	-	-	-	-	-	-	-	-	-	-	-
9. Total receipts	-	-	-	-	-	-	-	-	-	-	-
Deliveries of firm power to:											
10. Other provinces	-	-	-	-	-	-	-	-	-	-	-
11. United States	-	-	-	-	-	-	-	-	-	-	-
12. Total deliveries	-	-	-	-	-	-	-	-	-	-	-
13. Total net capability (6 + 9 - 12)	23	55	56	60	78 ^r	79	79	69	77	84	84
<u>Peak loads:</u>											
14. Firm power peak load within province	19	32	32	34	47 ^r	44	50	49	55	57	59
15. Indicated shortages	-	-	-	-	-	-	-	-	-	-	-
16. Total indicated firm power peak load within province (14 + 15)	19	32	32	34	47 ^r	44	50	49	55	57	59
17. Firm power peak load on province (12 + 16)	19	32	32	34	47 ^r	44	50	49	55	57	59
<u>Indicated reserve:</u>											
18. Indicated reserve (13 - 16)	4	23	24	26	31 ^r	35	29	20	22	27	25
18a Reduction in generating capability due to adverse conditions .....	..	..	-	-	-	-	...	...	...	...	...

See symbols at end of Table 13.

	Actual						Forecast				
	1956	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Net generation by:							millions of kilowatt-hours				
Hydro-electric .....	..	103,695	103,539	113,212	116,692	129,444	...	...	...	...	...
Steam - Conventional )	(	12,543	17,111	20,051	25,485	26,521	...	...	...	...	...
Nuclear )	(	22	87	141	120	161	...	...	...	...	...
Internal combustion )	(	514	593	574	504 [†]	632	...	...	...	...	...
Gas turbine )	(	257	312	282	313	376	...	...	...	...	...
Total net generation	87,427	117,031	121,642	134,260	143,114 [†]	157,134	...	...	...	...	...
Receipts of energy from:											
Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
United States:											
(a) Firm .....	..	22	12	6	4	133	2	2	2	2	2
(b) Secondary .....	..	2,764	2,867	2,971	3,573	2,922	...	...	...	...	...
Total receipts of energy	227	2,786	2,879	2,977	3,577	3,055	...	...	...	...	...
Deliveries of energy to:											
(a) Firm:											
Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
United States	1,226	817	867	835	633	613	655	667	679	691	577
(b) Secondary:											
Other provinces .....	...	...	...	...	...	...	...	...	...	...	...
United States	3,885	3,267	2,754	3,392	2,937	3,697	...	...	...	...	...
Total deliveries of energy	5,111	4,084	3,621	4,227	3,570	4,310	...	...	...	...	...
Total energy available	82,543	115,733	120,900	133,010	143,121 [†]	155,879	...	...	...	...	...
Secondary energy delivered within Canada	3,000	4,690	3,655	3,671	4,072 [†]	4,226	...	...	...	...	...
Firm energy available within Canada	79,543	111,043	117,245	129,339	139,049 [†]	151,653	162,510	174,410	187,511	199,340	210,393
Indicated shortage	1,546	-	-	-	-	-	-	-	-	-	-
Firm energy requirement within Canada	81,089	111,043	117,245	129,339	139,049 [†]	151,653	162,510	174,410	187,511	199,340	210,393
Firm energy requirement on Canada	82,315	111,860	118,112	130,174	139,682 [†]	152,266	163,165	175,077	188,190	200,031	210,970
... Figures not available. ... Figures not appropriate or not applicable. - Nil or zero. [†] Revised figures.											

... Figures not available. ... Figures not appropriate or not applicable. - Nil or zero. [†] Revised figures.

TABLE 14. Firm Energy Requirement within Provinces

Province	1956	1962	1963	1964	1965	1966	Forecast					Percentage change (compounded)		
							1967	1968	1969	1970	1971	1956 1966	1962 1966 1971	
millions of kilowatt-hours														
Newfoundland (including Labrador)	1,226	1,473	1,878	2,293	2,640	2,790	3,157	3,391	4,653	4,731	4,740	8.56	17.31	11.22
Prince Edward Island	53	101	111	124	136	140	173	193	217	242	270	10.20	8.51	14.04
Nova Scotia	1,457	1,965	2,100	2,301	2,466	2,648	2,883	3,149	3,441	3,805	4,035	6.16	7.74	8.79
New Brunswick	1,236	1,912	2,095	2,410	2,742 ^r	3,042	3,479	3,721	3,928	4,225	4,547	9.42	12.31	8.37
Quebec	31,788	40,389	42,094	47,081	49,227	53,365	55,580	59,903	63,927	67,620	70,805	5.32	7.21	5.82
Ontario	29,069	39,631	41,529	44,814	48,509	53,095	55,548	58,617	62,638	66,887	71,098	6.21	7.59	6.01
Manitoba	3,258	5,003	5,445	5,659	5,988	6,215	7,035	7,907	8,494	9,022	9,537	6.67	5.57	8.94
Saskatchewan	1,015	2,064	2,327	2,658	3,205	3,596	4,100	4,697	5,311	5,913	6,650	13.48	14.89	13.08
Alberta	2,105	4,121	4,519	4,987	5,499	6,068	6,995	7,628	8,405	9,176	10,026	11.17	10.16	10.57
British Columbia	9,777	14,222	14,982	16,849	18,444	20,455	23,305	24,955	26,210	27,424	28,386	7.66	9.51	6.77
Yukon and Northwest Territories	105	162	165	163	193 ^r	239	255	249	287	295	299	8.57	10.21	4.58
Canada	81,089	111,043	117,245	129,339	139,049 ^r	151,653	162,510	174,410	187,511	199,340	210,393	6.46	8.10	6.77

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1. Natural Gas Statistics, January 1967

During January, 1967, Transport and Distribution Systems accounted for 130,485,345 Mcf. of the total deliveries to gas utilities. The imports were 4,379,773 Mcf. The total supply to gas utilities for the month was 130,485,345, an increase of 4.7% over the same month last year.

Total sales of natural gas to Canadian consumers by distribution for January 1967 were 79,071,867 Mcf. This was an increase of 6.7% over the same month last year.

Residential customers accounted for 39.4%, industrial customers 37.2% and commercial customers 23.4% of the total sales.

Revenues for the sales were \$56,904,573 for the month.

See catalogue No. 55-002 for more complete statistics of natural gas sales which will be released shortly.

Receipts

	New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
McF.								
By transport and distribution systems ..	10,062	110	1,771,385	4,319,696	92,018,199	18,260,495	...	116,379,947
Imports and other receipts	-	-	-	-	5,042	18,641	4,379,773	4,403,456
Received from storage ...	-	-	7,791,868	357,481	1,552,593	-	-	9,701,942
Total supply of gas utilities	10,062	110	9,563,253	4,677,177	93,575,834	18,279,136	4,379,773	130,485,345

Disposition

Sales								
British Columbia	-	-	-	-	1,239,934	6,282,749	-	7,522,683
Alberta	-	-	-	-	22,740,227	-	11,585	22,751,812
Saskatchewan	-	-	-	4,065,631	3,661,991	-	-	7,727,622
Manitoba	-	-	-	-	5,922,608	-	-	5,922,608
Ontario	-	-	9,499,038	-	17,947,105	-	4,363,243	31,809,386
Quebec	-	110	-	-	3,330,881	-	-	3,330,991
New Brunswick	6,765	-	-	-	-	-	-	6,765
Exports and other deliveries								
	-	-	-	-	32,987,574	10,949,903	5,255	43,942,732
Delivered to storage								
	-	-	-	38,231	273,694	-	-	311,925
Linepack fluctuation,....								
Gas used in system,.....	121	-	31,105	-	14,073	46,410	-	29,177
Line losses and un-		-		179,654	4,093,495	796,669	-	5,101,044
accounted for	3,176	-	33,110	396,821	1,392,398	203,405	-	2,028,600
Total demand on gas utilities	10,062	110	9,563,253	4,677,177	93,575,834	18,279,136	4,379,773	130,485,345

Sales of Natural Gas, January 1967

No.		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick	100	1,998	4,454	13,955
2	Quebec	87,565	204,629	1,580,948	2,262,109
3	Ontario	515,859	654,388	13,567,076	15,920,451
4	Manitoba	92,668	95,410	2,882,300	2,446,781
5	Saskatchewan	105,094	109,434	3,088,442	2,050,671
6	Alberta	235,886	242,074	7,187,077	3,530,447
7	British Columbia	152,996	176,683	2,847,987	4,138,927
8	Canada	1,190,168	1,484,616	31,158,284	30,363,341
	Industrial:				
9	New Brunswick	-	-	-	-
10	Quebec		2,383	1,254,983	931,146
11	Ontario		7,115	11,551,624	7,166,006
12	Manitoba		281	1,086,482	371,014
13	Saskatchewan		572	2,892,768	808,926
14	Alberta		551	9,522,368	1,825,333
15	British Columbia		203	3,110,563	1,294,765
16	Canada		11,105	29,418,788	12,397,190
17	Firm		10,581	24,597,581	10,802,906
18	Interruptible		524	4,821,207	1,594,284
	Commercial:				
19	New Brunswick		58	2,311	4,666
20	Quebec		9,968	495,060	612,862
21	Ontario		56,618	6,690,686	6,194,682
22	Manitoba		8,506	1,953,826	1,302,802
23	Saskatchewan		14,818	1,746,412	885,803
24	Alberta		27,375	6,042,367	3,379,551
25	British Columbia		23,262	1,564,133	1,763,676
26	Canada		140,605	18,494,795	14,144,042
	Total sales:				
27	New Brunswick		2,056	6,765	18,621
28	Quebec		216,980	3,330,991	3,806,117
29	Ontario		718,121	31,809,386	29,281,139
30	Manitoba		104,197	5,922,608	4,120,597
31	Saskatchewan		124,824	7,727,622	3,745,400
32	Alberta		270,000	22,751,812	8,735,331
33	British Columbia		200,148	7,522,683	7,197,368
34	Canada		1,636,326	79,071,867	56,904,573

(Erratum - For "Preliminary Electric Energy Statistics - March 1966" in Bulletin IND-SB-(2)-Vol. 2-11 dated May 19, 1967, read "Preliminary Electric Energy Statistics - March 1967".)

2. Preliminary Electric Energy Statistics - April 1967

Net generation of electric energy in Canada increased 6.2% to 13,357,433 thousand Kwh. in April 1967 from 12,572,342 thousand Kwh. in April 1966. Following the pattern set in March, output from hydro-electric plants increased by only 2.3% while thermal generation was up 26.8%. For the third consecutive month, secondary energy used in Canada registered a substantial decline. In April 1967, secondary energy amounted to 160,790 thousand Kwh. compared with 283,095 thousand Kwh. in the same month last year. The large increase in thermal generation, the relatively small increase in hydro generation and the decrease in the amount of secondary energy used reflect the generally lower streamflow conditions in most parts of Canada. Imports from the United States increased to 343,842 thousand Kwh. from 176,750 thousand Kwh. in April 1966, while exports declined slightly to 300,951 thousand Kwh. from 309,433 thousand Kwh. last year.

Total generation for the twelve month period ending April 30, 1967 amounted to 161,590,769 thousand Kwh.

Preliminary Electric Energy Statistics

(thousand Kwh)

	April		
	1965	1966	1967
Net generation - Hydro	9,245,564	10,549,839 ^r	10,791,784
Thermal	2,194,088 ^r	2,022,503 ^r	2,565,649
Total net generation	11,439,652 ^r	12,572,342 ^r	13,357,433
Energy imported from U.S.A.	291,917	176,750	343,842
Energy exported to U.S.A.:			
Firm	49,307	61,248	58,066
Secondary	227,818	248,185	242,885
Total exported to U.S.A.	277,125	309,433	300,951
Net energy used in Canada	11,454,444 ^r	12,439,659 ^r	13,400,324
Secondary energy used in Canada	273,828 ^r	283,095 ^r	160,790
Firm energy used in Canada	11,180,616 ^r	12,156,564 ^r	13,239,534

Revised figures.

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1. Refined Petroleum Products, March 1967

Production of refined petroleum products increased 5.5% in March to 33,544,980 barrels from 31,801,392 in the same month last year, according to an advance release of data that will be contained in the March issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil advanced 2.1% in March to 33,520,586 barrels from 32,841,766 a year earlier. There was 2.3% more domestic crude at 19,182,836 barrels versus 18,743,119 and, 1.7% more imported crude at 14,337,750 barrels versus 14,098,647. Domestic disappearance of finished petroleum products increased 9.5% to 41,453,487 barrels from 37,855,240 in the same month last year.

NOTE

Service Bulletin IND-SB-2-(17)
released June 16, 1967 should read
IND-SB-(2) - Vol. 2-13.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, March 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	1,053,429	301,977	(2)	841,228	813,868	3,508,620
Quebec	2,988,030	795,300	1,281,624	1,850,836	2,514,467	10,607,108
Ontario	3,605,727	459,575	700,019	1,728,430	1,815,709	9,662,249
Manitoba	513,620	11,468	212,081	135,127	142,265	1,209,046
Saskatchewan	838,671	109,144	332,075	217,642	160,792	1,942,503
Alberta	1,446,777	21,555	509,235	461,623	185,924	3,270,455
British Columbia	1,208,968	279,013	856,276	59,904	434,049	3,287,872
Northwest Territories and Yukon	- 29	-	21,788	141	5,074	57,127
Canada totals	11,655,193	1,978,032	3,913,098	5,294,931	6,072,148	33,544,980

(1) Included with Maritimes.

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES IN Canada Of Selected Petroleum Products, March 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	129,262	161,139	229,735	258,597	282,895	1,112,817
Maritimes	611,289	397,033	308,575	1,145,380	983,323	3,592,337
Quebec	2,626,914	815,734	557,568	3,999,004	2,650,264	11,661,734
Ontario	3,967,700	465,031	623,249	4,995,204	2,392,579	13,814,400
Manitoba	487,397	148,834	148,809	292,988	95,983	1,308,718
Saskatchewan	618,806	156,680	209,221	221,932	51,380	1,334,294
Alberta	1,058,244	56,163	513,937	126,323	40,402	1,993,571
British Columbia	1,085,283	204,296	544,062	677,594	951,205	3,788,364
Northwest Territories and Yukon	13,733	4,226	15,070	22,478	-	65,551
Canada totals	10,598,628	2,409,136	3,150,226	11,739,500	7,448,031	38,671,786

IMPORTS Into Canada Of Selected Petroleum Products, March 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	-	100,203	414,120	161,530	314,063	990,176
Quebec	-	-	-	-	-	48,594
Ontario	-	-	-	29	-	142,858
and other	700	2,519	1,439	-	335,753	374,039
Canada totals	700	102,722	415,559	161,559	649,816	1,555,667

2. Coal and Coke Statistics, April 1967

Coal production for the month of April amounted to 821,293 tons, an increase of 0.7% over the April 1966 production of 815,331 tons, while landed imports were 1,563,506 tons compared to 1,260,464 tons for the month of April 1966. Consumption by industrial consumers amounted to 1,313,415 tons of coal and 467,978 tons of coke, an increase of 70,163 tons of coal and 23,092 tons of coke over last year.

Industrial consumers' stocks of coal and coke increased to 3,785,405 tons from 3,269,260 tons in April 1966.

Coke production during the month of April 1967, decreased to 359,305 tons from 372,646 tons in April 1966, while coke used in blast furnaces increased to 322,626 from 316,798 tons during the same period.

Coal and Coke Statistics

April 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	320,918	-	302,248	78,499	21,036	25,186	-
New Brunswick	72,056	183	70,431	61,566	47,971	-	-
Quebec	-	33,602	-	115,114	306,069	52,308	60,377
Ontario	-	1,529,505	-	772,877	2,925,713	366,676	109,554
Manitoba	-	213	-	24,759	82,040	102	185
Saskatchewan	117,062	-	119,738	117,675	164,989	-	-
Alberta	237,407	-	239,998	131,523	15,214	230	-
British Columbia and Yukon ..	73,850	3	63,847	11,402	9,419	23,476	42,713
Total Canada 1967	821,293	1,563,506	796,262	1,313,415	3,572,451	467,978	212,954
Total Canada 1966	815,331	1,260,464	769,618	1,243,252	3,051,828	444,886	217,432

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1. Preliminary Review of the Coal Mining Industry, 1966

Production of coal in Canada in 1966 amounted to 11,391,569 tons, 1.7 per cent less than the total of 11,588,616 tons produced in 1965. The decrease was due mainly to a 7.4 per cent decline in the production of bituminous coal in Nova Scotia and New Brunswick. The Nova Scotia production of 3,854,534 tons was a decline of 6.8 per cent from the 1965 production, New Brunswick's production of 898,315 tons is a decrease of 9.8 per cent from last year's production of 996,328 tons. This was partly offset by an increase in production in Alberta and British Columbia of 3.9 per cent and an increase in Saskatchewan lignite of .07 per cent over their production for 1965.

Bituminous coal accounted for 59.1 per cent of the 1966 production with Alberta sub-bituminous and Saskatchewan lignite accounting for 22.7 per cent and 18.2 per cent respectively.

The value of sales, f.o.b. mines was \$81,559,794 in 1966, up 7.5 per cent from the previous year. Salaries and wages accounted for 47.9 per cent of the value of sales. The value of sales of bituminous coal ranged from a low of \$6.83 per ton in Alberta through \$7.43 per ton in British Columbia, \$8.80 per ton in New Brunswick to a high of \$13.27 in Nova Scotia. Changes in 1966 unit value of sales of bituminous coal over comparable 1965 figures were + \$0.11 in Alberta, - \$0.18 in New Brunswick, + \$2.27 in Nova Scotia and + \$0.31 in British Columbia. Value of sales of Alberta sub-bituminous coal averaged \$2.30 per ton, down \$0.22 from 1965 while the average value of sales of Saskatchewan lignite dropped \$0.01 per ton to \$1.79.

Exports of Canadian coal increased 0.2 per cent to 1,228,820 tons in 1966 while value of exports rose 4.2 per cent to \$13,202,161. Eighty-six per cent of the exported coal was shipped to Japan.

Landed imports (which include coal at Customs' ports awaiting clearance) amounted to 16,330,714 tons in 1966, an increase of 0.4 per cent over 1965.

Approximately 91 per cent of the imported coal was cleared through Ontario ports with Quebec and Nova Scotia accounting for most of the remainder. Ninety six per cent of the imported coal was United States bituminous.

Sales of coal and coke by retail fuel dealers dropped from 2,087,369 ton in 1965 to 1,733,732 tons a decrease of 16.9 per cent.

Consumption of coal by industrial consumers decreased 2.5 per cent to 15,148,302 tons in 1966 from 15,523,982 tons the previous year. This represents the first decline in industrial consumption since 1960 and is attributable in large part to the small increase in thermal electric generation caused by favourable water conditions throughout most of the country during 1966. There was a slight increase in the consumption of coke by industrial consumers from 5,460,590 tons in 1965 to 5,595,508 tons in 1966.

Stocks of coal and coke by retail fuel dealers declined from 461,406 tons in 1965 to 401,085 tons in 1966. However, stocks of coal by industrial consumers increased from 5,045,361 tons to 5,988,552 tons during the same period. Coke stocks held by industrial consumers increased from 291,404 tons to 310,960 tons. Total stocks of coal in Canada rose approximately 991,000 tons during the year to about 10,191,000 tons as at December 31, 1966. Stocks of coke declined by approximately 32,000 tons to 308,000 tons during the same period.

In 1966 there were 5,890,577 tons of bituminous coal charged to ovens to manufacture 4,426,051 tons of coke, compared with 5,902,859 tons of coal used to make 4,368,791 tons of coke in 1965. Ninety-three per cent of the coal used to manufacture coke was imported bituminous.

A total of 8,564, employees worked 2,199,678 man-days for wages and salaries of \$39,091,279 in 1966. Approximately 68 per cent of the employees' salaries and wages were accounted for by Nova Scotia.

More details will be contained in "The Coal Mining Industry" publication, Catalogue 26-206 which will be released shortly.

	Number of mines	Average number of employees	Salaries and wages	Cost of fuel and electricity at mines	Cost of process supplies at mines	Value at mines	Production of coal
							short tons
Nova Scotia	12	5,875	26,242,097	1,813,687	10,104,759	51,518,674	3,854,534
New Brunswick	14(1)	789	3,209,142	645,890	1,736,308	7,892,427	898,315
Saskatchewan	3	195	1,053,820	190,810	486,273	3,717,586	2,078,165
Alberta	36	1,140	5,867,748	657,978	1,914,506	11,947,258	3,467,254
British Columbia	6	559	2,672,425	245,172	999,794	6,437,459	1,087,631
Yukon	1	6	46,047	5,515	2,736	46,390	5,670
Canada	72	8,564	39,091,279	3,559,052	15,244,376	81,559,794	11,391,569
Canada 1965	86	9,076	39,149,842	3,792,387	16,158,661	75,901,126	11,588,616

(1) Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 2. Production of Coal, by Kinds and by Provinces, 1965 and 1966

Province and kind of coal	1965			1966		
	Number of mines	Short tons	Value of mines \$	Number of mines	Short tons	Value at mines \$
Nova Scotia - Bituminous	12	4,134,161	45,486,833	12	3,854,534	51,518,674
New Brunswick - Bituminous	18(1)	996,328	8,637,619	14(1)	898,315	7,892,427
Saskatchewan - Lignite	4	2,063,933	3,715,385	3	2,078,165	3,717,586
Alberta:						
Bituminous	6	859,176	5,771,661	5	879,569	6,047,369
Sub-bituminous	38	2,554,752	6,402,185	31	2,587,685	5,899,889
Totals	44	3,413,928	12,173,846	36	3,467,254	11,947,258
British Columbia - Bituminous	7	971,465	5,801,817	6	1,087,631	6,437,459
Yukon - Bituminous	1	8,801	85,626	1	5,670	46,390
Canada:						
Bituminous	44	6,969,931	65,783,556	38	6,725,719	71,942,319
Sub-bituminous	38	2,554,752	6,402,185	31	2,587,685	5,899,889
Lignite	4	2,063,933	3,715,385	3	2,078,165	3,717,586
Totals	86	11,588,616	75,901,126	72	11,391,569	81,559,794

(1) Represents number of companies filing returns. Some companies sub-lease to small operators for limited periods of time.

TABLE 3. Summary of Coal Statistics for 1966 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, by Provinces and by Kinds

Province	Canadian coal				Imported coal	
	Production	Received from mines in other provinces	Mine shipments		From U.S.A.	From Great Britain
			To other provinces	For export		
	short tons					
Newfoundland:						
Anthracite .....	-	-	...	...	-	-
Bituminous	-	46,829	...	...	10,212	-
Totals	-	46,829	...	...	10,212	-
Prince Edward Island:						
Anthracite .....	-	-	...	...	-	-
Bituminous	-	22,765	...	...	-	-
Totals	-	22,765	...	...	-	-
Nova Scotia:						
Anthracite	-	-	-	-	-	-
Bituminous	3,854,534	-	2,361,596	3,272	503,259	-
Totals	3,854,534	-	2,361,596	3,272	503,259	-
New Brunswick:						
Anthracite	-	-	-	-	-	-
Bituminous	898,315	211,143	66,026	-	-	-
Totals	898,315	211,143	66,026	-	-	-
Quebec:						
Anthracite .....	-	-	...	...	284,953	-
Bituminous	-	1,186,685	...	...	660,299	-
Sub-bituminous .....	-	-	...	...	-	-
Totals	-	1,186,685	...	...	945,252	-
Ontario:(2)						
Anthracite .....	-	-	...	...	297,233	-
Bituminous	-	1,005,001	...	...	14,573,912	-
Sub-bituminous	-	4,453	...	...	-	-
Lignite	-	225,452	...	...	-	-
Totals	-	1,234,906	...	...	14,871,145	-
Manitoba:						
Anthracite .....	-	-	...	...	-	-
Bituminous	-	139,067	...	...	610	-
Sub-bituminous	-	113,892	...	...	-	-
Lignite	-	516,261	...	...	-	-
Totals	-	769,220	...	...	610	-

See footnotes at end of table.

TABLE 3. Summary of Coal Statistics for 1966 - Production, Exports, Interprovincial Shipments, Landed Imports, (1) and Coal made available for Consumption, by Provinces and by Kinds - Concluded

Province	Canadian coal				Imported coal	
	Production	Received from mines in other provinces	Mine shipments		From U.S.A.	From Great Britain
			To other provinces	For export		
	short tons					
Saskatchewan:						
Anthracite	-	-	-	-	42	-
Bituminous	-	313	-	-	-	-
Sub-bituminous	-	376,589	-	-	-	-
Lignite	2,078,165	-	741,713	7,408	-	-
Totals	2,078,165	376,902	741,713	7,408	42	-
Alberta:						
Anthracite	-	-	-	-	-	-
Bituminous	879,569	65	124,421	722,168	-	-
Sub-bituminous	2,587,685	-	590,368	-	-	-
Lignite	-	-	-	-	-	-
Totals	3,467,254	65	714,789	722,168	-	-
British Columbia:						
Anthracite	-	-	-	-	80	-
Bituminous	1,087,631	102,087	161,912	377,420	114	-
Sub-bituminous	-	95,434	-	-	-	-
Lignite	-	-	-	-	-	-
Totals	1,087,631	197,521	161,912	377,420	194	-
Yukon:						
Anthracite	-	-	-	-	-	-
Bituminous	5,670	-	-	-	-	-
Sub-bituminous	-	-	-	-	-	-
Lignite	-	-	-	-	-	-
Totals	5,670	-	-	-	-	-
Canada:						
Anthracite	-	-	-	-	582,308	-
Bituminous	6,725,719	2,713,955	2,713,955	1,102,560	15,748,406	-
Sub-bituminous	2,587,685	590,368	590,368	-	-	-
Lignite	2,078,165	741,713	741,713	7,408	-	-
Totals	11,391,569	4,046,036	4,046,036	1,110,268	16,330,714	-

(1) Direct imports into each province.

(2) Includes Head of Lakes.

Note: In addition to the above, 5,045 tons of briquettes were imported from the United States.

TABLE 4. Employees, Salaries and Wages in Coal Mines, by Provinces, 1965 and 1966

Province	Number of man-days worked			Average number of employees				Salaries and wages		
	Surface	Under-ground	Total	Salaried employees	Wage-earners		Total	Salaries	Wages	Total
					Surface	Under-ground				
1965	number							dollars		
Nova Scotia	205,994	1,332,234	1,538,228	418	610	5,249	6,277	2,188,882	24,099,087	26,287,969
New Brunswick	164,870	62,472	227,342	62	510	252	824	276,588	3,061,871	3,338,459
Saskatchewan	47,139	-	47,139	32	169	-	201	199,922	837,201	1,037,123
Alberta	165,592	123,897	289,489	160	539	487	1,186	817,253	4,915,367	5,732,620
British Columbia	47,235	81,633	128,868	69	164	346	579	413,425	2,298,216	2,711,641
Yukon	699	1,682	2,381	1	2	6	9	7,800	34,230	42,030
Canada	631,529	1,601,918	2,233,447	742	1,994	6,340	9,076	3,903,870	35,245,972	39,149,842
1966										
Nova Scotia	191,720	1,332,390	1,524,110	417	539	4,919	5,875	2,187,834	24,054,263	26,242,097
New Brunswick	155,848	61,174	217,022	62	471	256	789	283,647	2,925,495	3,209,142
Saskatchewan	43,767	-	43,767	29	166	-	195	190,182	863,638	1,053,820
Alberta	158,144	116,513	274,657	157	522	461	1,140	876,135	4,991,613	5,867,748
British Columbia	57,451	80,850	138,301	88	173	298	559	423,507	2,248,918	2,672,425
Yukon	793	1,028	1,821	1	2	3	6	8,500	37,547	46,047
Canada	607,723	1,591,955	2,199,678	754	1,873	5,937	8,564	3,969,805	35,121,474	39,091,279

Note: Data on administrative and office employees and their earnings refer only to those employed at the mines.

TABLE 5. Supply and Demand of Coal for years 1956-66

	1956	1957	1958
	short tons		
Supply			
Domestic production:			
Bituminous	10,309,587	9,050,742	7,748,289
Sub-bituminous	2,264,382	1,889,601	1,685,645
Lignite	2,341,641	2,248,812	2,253,176
Totals	14,915,610	13,189,155	11,687,110
Landed imports:			
Anthracite	2,519,996	1,897,790	1,494,702
Bituminous	20,481,329	18,039,143	11,831,203
Totals	23,001,325	19,936,933	13,325,905
Total inventory change(1)	+ 1,486,784	+ 1,122,544	- 1,631,013
Total coal available	36,430,151	32,003,544	26,644,028
Demand			
Industrial consumption:			
Electric utilities	1,595,185	1,981,877	1,654,936
Mining	364,588	314,462	352,612
Manufacturing	10,683,152	10,474,492	9,262,639
Totals	12,642,925	12,770,831	11,270,187
Retail sales	7,883,992	6,891,857	5,908,868
Railways for own consumption	6,541,316	4,075,096	2,032,979
Ship's bunker for own consumption	474,566	494,104	383,241
Government and Institutional consumption	256,000	245,000	253,000
Totals	15,155,874	11,706,057	8,578,088
Coal mine disposition:			
Used in colliery boilers, shops, railway	245,939	210,451	160,246
Sold to employees	174,576	164,490	145,472
Sold direct to domestic consumers (less employees)	676,823	774,963	688,562
Total disposition mines	1,097,338	1,149,904	994,280
Exports:			
United Kingdom	240,137	-	-
United States	339,654	350,819	321,744
Japan	-	29,976	5,240
St. Pierre	10,086	15,311	11,393
Other	4,289	205	167
Totals	594,166	396,311	338,544
Coal used for manufacture of coke(3)	5,928,498	5,720,325	4,788,958
Loss	414,061	228,549	60,754
Total reported consumption	35,832,862	31,971,977	26,030,811
Unaccounted for	597,289	31,567	613,217
Total demand	36,430,151	32,003,544	26,644,028

Includes docks.

TABLE 5. Supply and Demand of Coal for years 1956-66

1959	1960	1961	1962	1963	1964	1965	1966	No.
short tons								
6,945,459	7,299,764	6,827,253	6,531,292	7,047,845	7,220,372	6,969,931	6,725,719	1
1,733,883	1,540,577	1,361,600	1,497,171	1,654,293	2,104,912	2,554,752	2,587,685	2
1,947,380	2,170,797	2,208,851	2,256,306	1,873,556	1,994,039	2,063,933	2,078,165	3
10,626,722	11,011,138	10,397,704	10,284,769	10,575,694	11,319,323	11,588,616	11,391,569	4
1,456,366	1,199,809	985,217	851,668	807,375	626,979	623,510	582,308	5
12,147,655	11,090,245	11,147,232	11,469,709	13,933,073	14,111,563	15,646,223	15,748,406	6
13,604,021	12,290,054	12,132,449	12,321,377	14,740,448	14,738,542	16,269,733	16,330,714	7
- 1,066,993	- 267,102	- 265,166	- 775,148	+ 363,672	- 65,008 ^F	+ 708,298	+ 991,698	8
25,297,736	23,568,294	22,795,319	23,381,294	24,952,470	26,122,873 ^F	27,150,051	26,730,585	9
1,419,122	1,846,149	2,253,398	3,725,005	5,150,179	6,264,520	7,721,714	..	10
355,095	310,579	236,215	195,803	186,739	..	..	..	11
8,439,373	7,953,217	7,452,013	6,778,062	6,898,975	..	..	..	12
10,213,590	10,109,945	9,941,626	10,698,870 ^F	12,235,893 ^F	13,835,963(2)	15,523,982(2)	15,148,302(2)	13
5,611,251	4,615,323	4,026,780	3,540,615	3,087,111	2,627,714	2,062,186	1,733,732	14
1,197,406	655,418	476,752	386,834	324,513	283,418 ^F	223,000	211,801	15
306,516	306,494	252,111	246,524	261,369	317,780	343,119	410,222	16
295,000	307,000	320,000	279,000	231,000	203,000	183,000	169,000	17
7,410,173	5,884,235	5,075,643	4,452,973	3,904,659	3,431,912 ^F	2,811,305	2,524,755	18
124,249	102,219	66,589	47,262	52,257	53,222	50,289	46,829	19
141,899	122,230	125,329	124,038	117,189	119,214	118,147	102,176	20
709,369	635,740	697,554	654,480	615,187 ^F	618,003 ^F	633,375	518,610	21
975,517	860,189	889,472	825,780	784,633 ^F	790,439 ^F	801,811	667,615	22
-	6,632	-	50	-	-	-	58	23
273,912	241,892	249,504	250,328	274,759	303,028	198,020	167,148	24
190,722	604,397	685,263	639,040	772,470	984,846	1,023,134	1,059,502	25
9,134	-	4,569	4,501	7,138	3,790	4,825	2,097	26
-	-	-	-	-	-	15	15	27
473,768	852,921	939,336	893,919	1,054,367	1,291,664	1,225,994	1,228,820	28
5,654,781	5,288,217	5,330,542	5,452,320	5,842,253	6,023,035	6,058,470	6,044,289	29
112,751	234,781	62,411	68,738	123,743	100,012	88,574	211,696	30
24,840,580	23,230,288	22,239,030	22,392,600	23,945,548 ^F	25,473,025 ^F	26,510,136	25,825,477	31
457,156	338,006	556,289	988,694 ^F	1,006,922 ^F	649,848 ^F	639,915	905,108	32
15,297,736	23,568,294	22,795,319	23,381,294	24,952,470	26,122,873 ^F	27,150,051	26,730,585	33

Total as reported by industrial consumers.
 Charged to ovens plus incidental coke plant consumption.
 Revised figures.

2. Fuel Used to Generate Electricity - 1966

Preliminary data indicates that thermal generation of electric energy by public and private utilities amounted to 24,109,342 thousand Kwh. in 1966 compared with 23,149,203 thousand Kwh. in 1965, an increase of 4.2%. Coal was used to generate 66% of the energy with natural gas and petroleum fuels accounting for 22% and 12% respectively.

The quantity of coal used to generate electricity increased by 2% to 7,878,780 tons in 1966 from 7,721,714 tons in 1965, accounting for about 30% of the total coal consumption in Canada. During the same period, the amount of natural gas used for electric energy generation increased by 8%, while the amount of petroleum fuels used increased by 9%.

Utilities spent \$80,016,468 on fuel compared with \$77,563,535 in 1965. Coal accounted for 62% of the cost followed by natural gas and petroleum fuels with 16% and 22% respectively.

In addition to fuel used by utilities to generate electricity, industrial establishments with generating facilities used approximately 734,000 tons of coal, 31,000,000 gallons of petroleum fuels and 89,547,000 Mcf. of manufactured and natural gas to generate approximately 4,181,000 thousand Kwh. of electricity.

Fuel Used to Generate Electricity, 1966

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated:				
	Quantity of fuel:				
	Coal:				
1	Bituminous - Canadian short ton	1,659,142	-	-	880,714
2	Imported "	3,410,063	-	-	-
3	Sub-bituminous "	1,724,821	-	-	-
4	Saskatchewan lignite "	1,084,754	-	-	-
5	Other "	-	-	-	-
6	Total coal short ton	7,878,780	-	-	880,714(1)
	Petroleum fuels:				
7	Furnace fuel oil - Light Imp. gallon	6,738,294	-	-	224,955(1)
8	Heavy "	169,579,241	14,496,731	13,021,043	29,081,675
9	Diesel fuel oil "	31,385,497	5,166,290	38,380	996,947
10	Other - Crude oil "	236,360	-	-	-
11	Total petroleum fuels "	207,939,392	19,663,021	13,059,423	30,303,577
	Gas:				
12	Natural M. cu. ft.	64,274,727	-	-	-
13	Manufactured "	-	-	-	-
14	Total gas M. cu. ft.	64,274,727	-	-	-
15	Other fuels - Propane "	9,899	-	-	-
	Cost of fuel:				
	Coal:				
16	Bituminous - Canadian \$	14,524,280	-	-	7,808,885
17	Imported \$	30,421,601	-	-	-
18	Sub-bituminous \$	2,691,256	-	-	-
19	Saskatchewan lignite \$	1,888,483	-	-	-
20	Other \$	-	-	-	-
21	Total coal \$	49,525,620	-	-	7,808,885(1)
	Petroleum fuels:				
22	Furnace fuel oil - Light \$	795,804	-	-	29,024(1)
23	Heavy \$	11,167,874	947,180	855,058	1,835,676
24	Diesel fuel oil \$	5,295,475	722,174	5,359	148,212
25	Other - Crude oil \$	22,047	-	-	-
26	Total petroleum fuels \$	17,281,200	1,669,354	860,417	2,012,912
	Gas:				
27	Natural \$	13,187,228	-	-	-
28	Manufactured \$	-	-	-	-
29	Total gas \$	13,187,228	-	-	-
30	Other fuels - Propane \$	22,420	-	-	-
31	Total all fuels \$	80,016,468	1,669,354	860,417	9,821,797
32	Per cent of total for Canada	100.00	2.09	1.08	12.27

See footnotes at end of table.

Fuel Used to Generate Electricity, 1966

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
323,799	-	448,426	80	-	6,123	-	-	1
-	-	3,410,063	-	-	-	-	-	2
-	-	-	-	231,895	1,492,926	-	-	3
-	-	-	86,647	998,107	-	-	-	4
-	-	-	-	-	-	-	-	5
323,799(1)	-	3,858,489(1)	86,727(1)	1,230,002	1,499,049	-	-	6
396,607(1)	1,198,129	2,951,566(1)	642,536(1)	-	1,320,113	4,388	-	7
59,027,618	9,542,190	-	-	11,550,790	3,501,553	29,072,983	-	8
557,839	2,279,467	3,689,383	3,464,704	395,619	1,893,936	11,095,716	284,658	9
-	-	-	-	-	-	236,360	1,807,216	10
59,982,064	13,019,786	6,640,949	4,107,240	11,946,409	6,715,602	40,409,447	-	11
-	-	332,962(2)	174,615	12,829,268	30,060,165	20,877,717	-	12
-	-	-	-	-	-	-	-	13
-	-	332,962	174,615	12,829,268	30,060,165	20,877,717	-	14
-	-	-	-	-	-	9,899	-	15
2,731,044	-	3,961,362	1,150	-	21,839	-	-	16
-	-	30,421,601	-	-	-	-	-	17
-	-	-	-	906,806	1,784,450	-	-	18
-	-	-	373,833	1,514,650	-	-	-	19
-	-	-	-	-	-	-	-	20
2,731,044(1)	-	34,382,963(1)	374,983(1)	2,421,456	1,806,289	-	-	21
62,204(1)	161,041	372,532(1)	85,248(1)	-	85,049	706	-	22
3,644,627	741,092	-	-	642,861	136,910	2,315,973	48,497	23
93,398	389,981	695,598	551,639	65,303	327,246	1,821,990	474,575	24
-	-	-	-	-	-	22,047	-	25
3,800,229	1,292,114	1,068,130	636,887	708,164	549,205	4,160,716	523,072	26
-	-	150,921(2)	50,582	2,392,552	4,951,671	5,641,502	-	27
-	-	-	-	-	-	-	-	28
-	-	150,921	50,582	2,392,552	4,951,671	5,641,502	-	29
-	-	-	-	-	-	22,420	-	30
6,531,273	1,292,114	35,602,014	1,062,452	5,522,172	7,307,165	9,824,638	523,072	31
8.16	1.62	44.49	1.33	6.90	9.13	12.28	0.65	32

Fuel Used to Generate Electricity, 1966 - Concluded

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated - Concluded:					
	Average B.t.u. content of fuel:					
	Coal:					
1	Bituminous - Canadian	per pound	12,788	-	-	-
2	Imported	"	13,281	-	-	12,847
3	Sub-bituminous	"	8,060	-	-	-
4	Saskatchewan lignite	"	6,640	-	-	-
5	Other		-	-	-	-
	Petroleum fuels:					
6	Furnace fuel oil - Light	per Imp. gal.	165,914	-	-	167,469
7	Heavy	"	181,704	180,002	182,521	180,520
8	Diesel fuel oil	"	164,630	165,096	172,200	163,807
9	Other - Crude oil	"	166,000	-	-	-
	Gas:					
10	Natural	per stand. cu. ft.(3)	1,025	-	-	-
11	Manufactured		-	-	-	-
12	Other fuels - Propane	per stand. cu. ft.(3)	2,500	-	-	-
	Energy generated:(4)					
	By coal:					
13	Bituminous - Canadian	'000 kwh.	3,318,005	-	-	1,772,166
14	Imported	"	9,258,684	-	-	-
15	Sub-bituminous	"	2,307,295	-	-	-
16	Saskatchewan lignite	"	969,526	-	-	-
17	Other		-	-	-	-
18	Total coal	'000 kwh.	15,853,510	-	-	1,772,166(1)
	By petroleum fuels:					
19	Furnace fuel oil - Light	"	41,908	-	-	1,170(1)
20	Heavy	"	2,406,549	180,710	155,506	412,570
21	Diesel fuel oil	"	408,423	59,268	120	14,266
22	Other - Crude oil	"	1,707	-	-	-
23	Total petroleum fuels	"	2,858,587	239,978	155,626	428,006
	By Gas:					
24	Natural	"	5,114,103	-	-	-
25	Manufactured	"	112,420	-	-	-
26	Total gas	'000 kwh.	5,226,523	-	-	-
27	By other fuels	"	163,145	-	-	-
28	Total all fuels	"	24,101,765(7)	239,978	155,626	2,200,172
29	Per cent of total for Canada		100.00	1.00	0.65	9.13

(1) Fuel oil used in coal-fired stations for initial steam-raising: no resulting generation (278,672 Imp. gals. in Nova Scotia 396,607 Imp. Gals. in New Brunswick, 1,599,151 Imp. gals. in Ontario and 98,789 Imp. gals. in Manitoba.)
 (2) Fuel oil used in gas-fired station as pilot - 114,992 Imp. gals.
 (3) Standard Cubic Foot - 760 mm. Mercury 60° F.

Fuel Used to Generate Electricity, 1966 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
11,900	-	13,325	13,500	-	12,000	-	-	1
-	-	13,281	-	-	-	-	-	2
-	-	-	-	8,600	7,976	-	-	3
-	-	-	7,102	6,600	-	-	-	4
-	-	-	-	-	-	-	-	5
167,000	169,300	165,588	165,609	-	163,080	169,000	-	6
183,330	180,971	-	-	180,000	182,382	181,026	174,640	7
164,998	163,256	163,940	164,986	169,189	163,266	164,932	164,445	8
-	-	-	-	-	-	166,000	-	9
-	-	1,011	1,026	950	1,034	1,059	-	10
-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	2,500	-	12
583,834	-	957,351	74	-	4,580	-	-	13
-	-	9,258,684	-	-	-	-	-	14
-	-	-	-	259,464	2,047,831	-	-	15
-	-	-	63,422	906,104	-	-	-	16
-	-	-	-	-	-	-	-	17
583,834 (1)	-	10,216,035 (1)	63,496 (1)	1,165,568	2,052,411	-	-	18
- (1)	15,039	12,662 (1)	2,709 (1)	-	10,305	23	-	19
864,535	112,494	-	-	134,866	56,144	485,325	4,399	20
8,359	32,400	49,460 (2)	29,025	5,291	24,656	160,716	24,862	21
-	-	-	-	-	-	1,707	-	22
872,894	159,933	62,122	31,734	140,157	91,105	647,771	29,261	23
-	-	34,243 (2)	9,386	840,547	2,058,268	2,171,659	-	24
-	-	-	-	-	112,420	-	-	25
-	-	34,243	9,386	840,547	2,170,688	2,171,659	-	26
-	-	161,048 (5)	-	-	-	2,097 (6)	-	27
1,456,728	159,933	10,473,448	104,616	2,146,272	4,314,204	2,821,527	29,261 (7)	28
6.04	0.66	43.46	0.43	8.90	17.90	11.71	0.12	29

- (4) Net generation after deducting station service.
(5) Nuclear generation.
(6) Propane generation.
(7) Quantities and costs of fuel unavailable for 7,577,000 Kwh generation.

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1. Refined Petroleum Products

Production of refined petroleum products decreased 4.7% in April to 28,870,517 barrels from 30,307,909 in the same month last year, according to an advance release of data that will be contained in the April issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil decreased 3.4% in April to 29,075,796 barrels from 30,090,276 a year earlier. There was 5.0% less domestic crude at 17,156,177 barrels versus 18,062,494 and 0.9% less imported crude at 11,919,619 barrels versus 12,027,782. Domestic disappearance of finished petroleum products increased 2.8% to 34,050,932 barrels from 33,126,880 in the same month last year.

REFINERY PRODUCTION in Canada of Selected Petroleum Products, April 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	842,300	313,876	(2)	699,761	747,279	3,130,392
Quebec	2,767,672	249,898	1,386,117	1,368,627	1,867,730	7,753,213
Ontario	3,302,479	313,810	778,857	1,603,178	1,854,693	9,777,830
Manitoba	416,067	4,035	213,433	77,919	77,271	953,764
Saskatchewan	892,305	121,611	333,340	165,516	81,834	1,738,060
Alberta	1,064,968	14,135	610,049	140,770	78,237	2,414,686
British Columbia	1,103,738	261,901	706,061	87,830	376,212	3,044,690
Northwest Territories and Yukon	- 2,568	-	10,352	29	27,396	57,882
Canada totals	10,386,961	1,279,266	4,038,209	4,143,630	5,110,652	28,870,517

(1) Included with Motor

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, April 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	117,118	125,620	292,411	185,348	48,084	804,818
Maritimes	548,395	266,047	231,295	774,048	832,170	2,787,311
Quebec	2,474,094	410,598	495,055	2,357,661	3,195,183	10,188,462
Ontario	3,708,064	216,425	591,306	2,632,082	1,952,967	10,402,731
Manitoba	465,651	76,706	163,891	157,454	63,054	1,046,860
Saskatchewan	574,815	78,790	214,262	130,064	28,746	1,119,606
Alberta	969,565	29,047	392,053	71,873	10,438	1,662,717
British Columbia	1,042,308	150,156	474,265	528,118	1,002,153	3,521,974
Northwest Territories and Yukon	11,004	3,231	11,390	15,654	-	53,139
Canada totals	9,911,014	1,356,620	2,865,928	6,852,302	7,132,795	31,587,618

IMPORTS Into Canada of Selected Petroleum Products, April 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	2,954	86,276	130,999	450,455	371,890	1,107,864
Quebec	440,769	155,133	465,072	354,145	3,002,446	5,027,513
Ontario	-	-	99,700	188,352	220,915	676,097
All other	627	1,430	755	-	591,581	616,756
Canada totals	444,350	242,839	696,526	992,952	4,186,832	7,428,230

2. Preliminary Electric Energy Statistics - May 1967

Net generation of electric energy increased 5.1% to 13,482,738 thousand Kwh. in May 1967 from 12,817,444 thousand Kwh. in May 1966. However, during the same period, firm energy consumption in Canada was up 8.2%. The additional firm energy was made available through a 99% increase in imports, a 4% decrease in exports and a 60% decrease in secondary energy consumption.

Total net generation for the twelve month period ending May 31, 1967 amounted to 162,189,723 thousand Kwh.

Preliminary Electric Energy Statistics

(thousand Kwh)

	May		
	1965	1966	1967
Net generation - Hydro	9,764,038	11,022,074 ^r	11,377,609
Thermal	1,601,360 ^r	1,795,370 ^r	2,105,129
Total net generation	11,365,398 ^r	12,817,444 ^r	13,482,738
Energy imported from U.S.A.	327,919	191,092	379,572
<u>Energy exported to U.S.A.</u>			
Firm	58,717	63,140	65,714
Secondary	258,805	264,640	249,988
Total exported to U.S.A.	317,522	327,780	315,702
Net energy used in Canada	11,375,795 ^r	12,680,756 ^r	13,546,608
Secondary energy used in Canada	242,963 ^r	257,925 ^r	102,514
Firm energy used in Canada	11,132,832 ^r	12,422,831 ^r	13,444,094

^r Revised figures.

3. Coal and Coka Statistics, May 1967

Coal production for the month of May amounted to 865,269 tons an increase of 3.4% over the May 1966 production of 836,766 tons, while landed imports were 2,195,956 tons compared to 2,080,505 tons for the month of May 1966. Consumption by industrial consumers amounted to 1,061,132 tons of coal and 450,902 tons of coke, a decrease of 30,610 tons of coal and a decrease of 31,636 tons of coke from last year.

Industrial consumers stocks of coal and coke increased to 4,329,823 tons from 3,767,054 tons in May 1966.

Coke production during the month of May 1967 increased to 393,029 tons from 391,594 tons in May 1966, while coke used in blast furnaces decreased to 313,956 tons from 326,122 tons during the same period.

Coal and Coke Statistics
May 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	2,073	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	367,817	17,544	377,659	66,718	20,105	41,739	-
New Brunswick	64,405	-	64,435	46,868	53,278	-	-
Quebec	-	112,081	-	125,222	263,241	40,380	92,688
Ontario	-	2,063,764	-	604,156	3,458,151	341,016	111,624
Manitoba	-	399	-	19,307	83,485	82	230
Saskatchewan	107,289	-	107,481	62,571	171,094	-	-
Alberta	221,132	-	205,397	125,322	20,725	261	170
British Columbia and Yukon ...	104,626	95	76,465	10,968	8,087	27,424	46,945
Total Canada 1967	865,269	2,195,956	831,437	1,061,132	4,078,166	450,902	251,657
Total Canada 1966	836,766	2,080,505	898,220	1,091,742	3,514,942	482,538	252,112

4. Crude Oil Requirements for Refineries 1966 and 1967

Summary of Crude Oil Requirements and New Needs
thousand barrels daily

	1966		1967			
	Requirements		Requirements		New needs	
	Vol.	%	Vol.	%	Vol.	%
Domestic	603	58	617	57	14	37
Imports	435	42	459	43	24	63
Totals	1,038	100	1,076	100	38	100

New needs % increase over previous year 4%

Total requirements (domestic and imports) of crude oil for Canadian refineries are estimated to increase from 1,038,000 barrels daily (B/D) in 1966 to 1,076,000 B/D in 1967, an increase of approximately 3.7%.

Canadian crude requirements for refining are expected to increase by 2% from 603,000 B/D in 1966 to 617,000 B/D in 1967, while imported crude requirements for refining are expected to rise by 6% from 435,000 B/D in 1966 to 459,000 B/D in 1967.

Forecast new needs of crude oil for refining are expected to amount to 38,000 B/D in 1967, with domestic produced crude supplying 37% of these new needs (14,000 B/D) and imports 63% (24,000 B/D).

Crude Oil Requirements for Exports 1966 and 1967

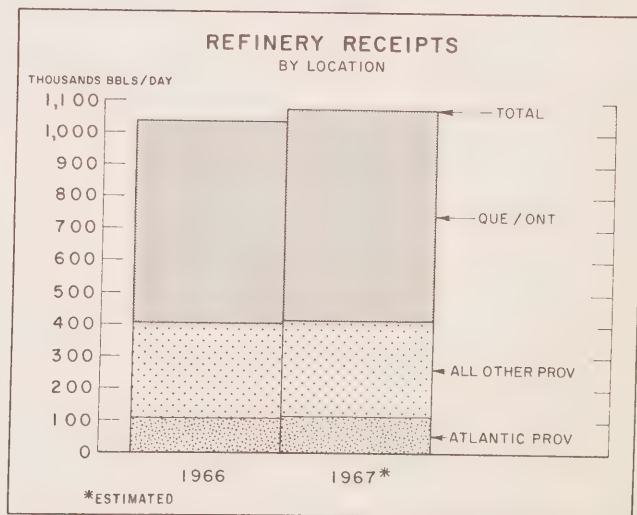
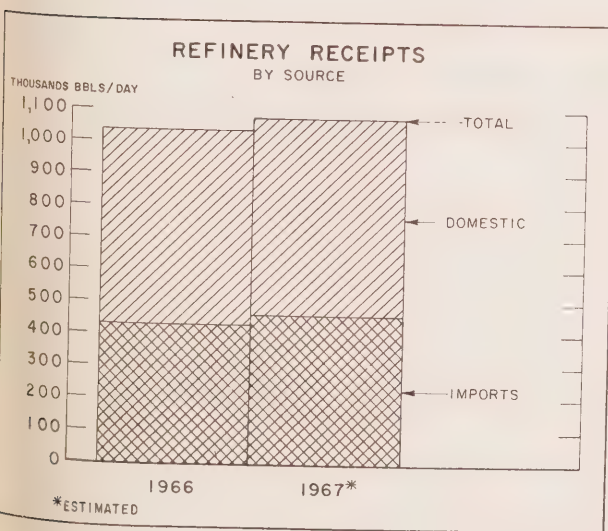
Crude oil exports for the third quarter of 1967 are estimated to average 428,000 B/D, an increase of 86,000 B/D over the same period in 1966.

Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	1966	1967	1966			1967		
	Actual Jan. - Dec.	Estimated Jan. - Dec.	Actual			Estimated		
			July	Aug.	Sept.	July	Aug.	Sept.
'000 barrels per day								
<u>By source</u>								
Domestic:								
Western	599.6	612.9	597.9	620.2	604.0	616.8	643.1	619.6
Eastern	3.6	4.0	3.6	3.6	3.6	3.7	3.7	3.7
Totals	603.2	616.9	601.5	623.8	607.6	620.5	646.8	623.3
Imported	434.4	459.2	464.6	464.8	452.7	497.4	484.2	475.2
Total requirements	1,037.6	1,076.1	1,066.1	1,088.6	1,060.3	1,117.9	1,131.0	1,098.5
<u>By location</u>								
Atlantic	110.1	115.3	123.0	127.0	116.1	128.8	115.0	123.6
Quebec	322.8	342.3	338.0	335.5	334.0	365.7	366.2	348.7
Ontario	312.8	316.7	301.1	313.2	303.7	320.0	340.2	337.1
Manitoba	40.0	39.7	40.9	45.2	45.1	39.0	43.5	44.8
Saskatchewan	62.1	62.7	72.7	68.2	73.9	70.3	69.6	64.0
Alberta	93.4	98.4	95.6	101.6	84.2	103.0	101.0	90.4
British Columbia	94.4	98.9	92.3	95.3	100.6	88.4	92.8	87.4
Northwest Territories	2.0	2.1	2.5	2.6	2.7	2.7	2.7	2.5
Total requirements	1,037.6	1,076.1	1,066.1	1,088.6	1,060.3	1,117.9	1,131.0	1,098.5
Exports requirements(1)	346.8	..	335.5	352.6	345.4	469.8	410.4	404.1

(1) Reported by the pipeline companies.
.. Figures not available.



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1. Natural Gas Statistics, February 1967

During February, 1967, Transport and Distribution Systems accounted for 103,331,427 Mcf. of the total deliveries to gas utilities. Imports were 3,839,925 Mcf. The total supply to gas utilities for the month was 120,030,228 Mcf., an increase of 14.3% over the same month last year.

Total sales of natural gas to Canadian consumers by distribution for February 1967 were 76,208,623 Mcf. This was an increase of 7% over the same month last year.

Residential customers accounted for 40.3%, industrial customers 35.8% and commercial customers 23.9% of the total sales.

Revenues for the sales were \$54,582,793 for the month.

Catalogue No. 55-002, which will be released shortly, will show more complete statistics of natural gas sales.

	New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
McF.								
<u>Receipts</u>								
By transport and distribution systems ..	11,267	1,130	1,503,135	3,768,337	81,474,000	16,573,558	-	103,331,427
Imports and other receipts	-	-	-	-	13,514	-	3,839,925	3,853,439
Received from storage ...	-	-	12,199,337	447,651	198,374	-	-	12,845,362
Total supply of gas utilities	11,267	1,130	13,702,472	4,215,988	81,685,888	16,573,558	3,839,925	120,030,228
<u>Disposition</u>								
Sales								
British Columbia	-	-	-	-	1,095,819	6,167,280	-	7,263,099
Alberta	-	-	-	-	21,372,813	-	8,866	21,381,679
Saskatchewan	-	-	-	4,558,476	3,416,195	-	-	7,974,671
Manitoba	-	-	-	-	5,559,382	-	-	5,622,931
Ontario	-	-	13,367,853	-	13,500,028	-	3,827,132	30,695,013
Quebec	-	1,130	-	-	3,263,639	-	-	3,264,769
New Brunswick	6,461	-	-	-	-	-	-	6,461
Exports and other deliveries	-	-	-	-	30,284,899	9,925,734	5,020	40,215,653
Delivered to storage	-	-	-	244,691	430,749	-	-	675,440
Linepack fluctuation	-	-	-	11,306	- 61,500	- 188,646	-	- 238,840
Gas used in system	151	-	31,477	168,693	3,221,842	885,473	-	4,307,636
Line losses and unaccounted for	4,655	-	303,142	- 830,727	- 397,978	- 216,283	- 1,093	- 1,138,284
Total demand on gas utilities	11,267	1,130	13,702,472	4,215,988	81,685,888	16,573,558	3,839,925	120,030,228

Sales of Natural Gas, February 1967

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	100	1,988	4,162	14,067
Quebec	88,137	205,044	1,713,771	2,503,447
Ontario	516,425	654,882	13,500,642	15,890,132
Manitoba	93,268	95,994	2,696,062	2,402,369
Saskatchewan	105,129	109,470	3,246,941	2,137,211
Alberta	238,510	242,682	7,084,794	3,450,731
British Columbia	157,125	177,378	2,441,517	3,482,724
Canada	1,198,694	1,487,438	30,687,889	29,880,681
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,240	989,959	751,983	
Ontario	7,064	10,533,453	6,684,712	
Manitoba	268	1,007,092	343,059	
Saskatchewan	577	2,946,323	873,218	
Alberta	523	8,486,941	1,640,254	
British Columbia	228	3,324,412	1,350,621	
Canada	10,900	27,288,180	11,643,847	
Firm	10,405	23,829,251	10,245,809	
Interruptible	495	3,458,929	1,398,038	
Commercial:				
New Brunswick	58	2,299	4,614	
Quebec	10,094	561,039	674,231	
Ontario	56,593	6,660,918	6,129,146	
Manitoba	8,580	1,919,777	1,284,208	
Saskatchewan	14,857	1,781,407	938,961	
Alberta	27,482	5,809,944	2,078,502	
British Columbia	23,459	1,497,170	1,948,603	
Canada	141,123	18,232,554	13,058,265	
Total sales:				
New Brunswick	2,046	6,461	18,681	
Quebec	217,378	3,264,769	3,929,661	
Ontario	718,539	30,695,013	28,703,990	
Manitoba	104,842	5,622,931	4,029,636	
Saskatchewan	124,904	7,974,671	3,949,390	
Alberta	270,687	21,381,679	7,169,487	
British Columbia	201,065	7,263,099	6,781,948	
Canada	1,639,461	76,208,623	54,582,793	

Oil Pipeline Transport, Natural Gas Pipeline
Transport and Distribution Companies

Quarterly Financial Statistics

For the three month period ended March 31, 1967 net income for oil pipeline companies was \$10.9 million, a decrease of 10.7 per cent from the \$12.2 million reported in the first quarter of 1966. Net income of gas pipeline companies increased to \$10.5 million, 31.2 per cent over the \$8.0 million in the previous year. Net income of privately operated natural gas distribution companies, which account for approximately 80 per cent of all distributor's revenues, rose to \$27.0 million from \$23.8 million, or 13.4 per cent.

Fixed assets as at March 31, 1967 totalled \$647.5 million for oil pipeline companies (up 2.6 per cent from \$631.1 million), \$1,202.7 million for gas pipeline companies (up 9.6 per cent from \$1,097.0 million), and \$1,012.4 million for gas distribution companies (up 8.3 per cent from \$934.9 million).

Quarterly Statement

Assets, Liabilities and Net Worth as at March 31, 1966-67

	Oil pipeline transport		Natural gas pipeline transport		Natural gas distribution (privately operated)	
	1966	1967	1966	1967	1966	1967
millions of dollars						
<u>Assets</u>						
Current assets:						
Cash	33.6	65.3	26.7	16.1	8.8	12.9
Accounts receivable less provision for doubtful accounts	19.0	22.3	23.6	27.5	67.0	76.5
Inventories of materials and supplies(1)	3.1	2.5	5.5	5.9	15.4	16.8
Other current assets	1.2	0.9	0.7	0.4	3.9	6.6
	56.9	91.0	56.5	49.9	95.1	112.8
Investments	68.2	63.9	40.5	61.1	109.9	123.9
Fixed assets	631.1	647.5	1,097.0	1,202.7	934.9	1,012.4
Less depreciation and amortization	207.2	224.4	146.2	175.9	149.1	166.3
Net fixed assets	423.9	423.1	950.8	1,026.8	785.8	846.1
Deferred debits	2.6	3.1	19.1	20.0	25.4	31.4
Total assets	551.6	581.1	1,066.9	1,157.8	1,016.2	1,114.2
<u>Liabilities and Net Worth</u>						
Current liabilities:						
Short term loans	10.0	12.8	0.1	31.1	11.7	34.9
Accounts payable	27.4	25.2	40.1	54.1	68.4	81.2
Long term debt due within one year less long term debt owned	19.1	19.3	28.8	31.2	11.7	13.4
Other current liabilities	0.4	0.3	0.7	0.3	6.6	7.0
	56.9	57.6	69.7	116.7	98.4	136.5
Long term debt	274.0	287.3	738.5	700.4	480.7	489.7
Deferred credits	45.1	49.4	7.8	6.5	22.1	24.5
Capital stock and surplus:						
Preferred	6.0	5.9	27.5	77.7	95.0	101.7
Common	73.1	72.9	89.1	96.7	150.2	175.1
Contributed surplus	22.3	22.3	79.1	90.2	42.9	40.0
Retained earnings	74.2	85.7	55.2	69.6	126.9	146.7
	175.6	186.8	250.9	334.2	415.0	463.5
Total liabilities and net worth	551.6	581.1	1,066.9	1,157.8	1,016.2	1,114.2

(1) Includes oil and gas inventories and gas stored underground.

Preliminary Operating Revenue and Expense Account
For Three Months Ending March 31, 1966-67

	Oil pipeline transport		Natural Gas pipeline transport		Natural gas distribution (privately operated)	
	1966	1967	1966	1967	1966	1967
	millions of dollars					
Total operating revenues	38.3	39.0	67.4	76.0	124.6	145.2
Total operating expenses	8.7	8.9	40.8	46.7	75.5	86.0
Net revenue from operations	29.6	30.1	26.6	29.3	49.1	59.2
Other income and income from affiliated companies	2.5	1.9	0.5	0.5	1.3	1.4
Other deductions and fixed charges:						
Depreciation	5.7	5.8	7.0	7.5	2.5	7.1
Interest on long term debt	3.6	3.9	10.7	10.2	6.5	7.8
Other	0.5	0.4	1.4	1.6	3.7	1.6
	9.8	10.1	19.1	19.3	12.7	16.5
Net income before taxes	22.3	21.9	8.0	10.5	37.7	44.1
Provision for income taxes	10.1	11.0	-	-	13.9	17.1
Net income after taxes	12.2	10.9	8.0	10.5	23.8	27.0

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TABLE 4. Supply and Disposition of Gas Processing Plant Propane, Year 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	751,072	11,557,891	334,315	...	12,643,278
Less returned to formation	169,633	...	...	169,633
Net withdrawals	751,072	11,388,258	334,315	...	12,473,645
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	235,838	374,339	...	...	172	...	...	610,349
Alberta	-	220,457	773,234	...	3,582,014	...	1,942,651	16,687	6,535,043
British Columbia	-	-	-	...	-	30,139	...	1,077	31,216
Deliveries	-	-	-	-	- 610,349	- 6,535,043	- 31,216	...	- 7,176,608
Total supply	-	456,295	1,147,573	...	3,722,737	4,883,526	2,245,750	17,764	12,473,645
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	1,097,172	...	1,588,465	1,345,286	...	...	1,345,286
Distributor and other	-	456,295	...	...	...	1,956,463	675,498	17,764	5,791,657
Sub-total	-	456,295	1,097,172	...	1,588,465	3,301,749	675,498	17,764	7,136,943
Refinery raw material	-	-	-	...	-	-	154,548	-	154,548
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	50,401	...	...	...	...	...	50,401
District II	2,018,890	813,041	...	...	2,831,931
District IV	282,803	...	...	282,803
District V	721,511	...	721,511
Other	-	-	-	...	-	-	270,230	-	270,230
Miscellaneous:									
Miscible flood	396,047	...	...	396,047
Gas enrichment	10,992	...	...	10,992
Losses and adjustments	-	-	-	...	29,458	38,286	21,936	-	89,680
Plant uses	10,785	25,994	8,635	...	45,414
Inventories:									
Opening inventory	-	-	-	...	379,053	368,033	9,632	...	756,718
Closing inventory	-	-	-	...	454,192	382,647	403,024	...	1,239,863
Net change	-	-	-	...	75,139	14,614	393,392	...	483,145
Total disposition	-	456,295	1,147,573	...	3,722,737	4,883,526	2,245,750	17,764	12,473,645

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, January 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	56,951	907,885	34,300	...	999,136
Less returned to formation	-	-
Net withdrawals	56,951	907,885	34,300	...	999,136
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	30,035	34,087	...	...	-	-	-	64,122
Alberta	-	5,115	46,695	...	400,052	...	159,483	480	611,825
British Columbia	-	-	-	...	-	1,902	...	-	1,902
Deliveries	-	-	-	-	- 64,122	- 611,825	- 1,902	...	- 677,849
Total supply	-	35,150	80,782	...	392,881	297,962	191,881	480	999,136
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	...	-	115,263	...	...	115,263
Distributor and other	-	35,150	80,782	...	296,248	112,960	77,533	480	803,153
Sub-total	-	35,150	80,782	...	296,248	112,960	77,533	480	918,416
Refinery raw material	-	-	-	...	-	-	10,144	-	10,144
Exports:									
U.S.A. Petroleum Administration:									
District	-	-	-	...	-	-	-	...	233,391
II	209,900	23,491	-	...	40,256
IV	-	40,256	-	...	103,348
V	-	-	-	...	-
Other	-	-	-	...	-	-	-	...	-
Miscellaneous:									
Miscible flood	24,567	...	...	24,567
Gas enrichment	-	-	-	...	6,471	- 3,696	548	...	3,323
Losses and adjustments	663	4,627	-	...	5,290
Plant uses	-	-	-	...	-
Inventories:									
Opening inventory	-	-	-	...	379,053	368,033	9,632	...	756,718
Closing inventory	-	-	-	...	258,652	148,527	9,940	...	417,119
Net change	-	-	-	...	- 120,401	- 219,506	308	...	- 139,599
Total disposition	-	35,150	80,782	...	392,881	297,962	191,881	480	999,136

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, February 1966

	Maritimes	Quebec	Ontario	Manitoba (1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	47,907	893,365	31,717	...	972,989
Less returned to formation	-	-
Net withdrawals	47,907	893,365	31,717	...	972,989
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	22,686	70,398	...	...	-	-	-	93,084
Alberta	-	13,309	27,650	...	294,416	6,920	146,163	792	482,330
British Columbia	-	-	-	-	-	-	...	107	7,027
Deliveries	-	-	-	-	- 93,084	- 482,330	- 7,027	...	- 582,441
Total supply	-	35,995	98,048	...	249,239	417,955	170,853	899	972,989
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	107,882	...	...	107,882
Distributor and other	-	35,995	98,048	...	174,396	256,507	67,770	899	633,615
Sub-total	-	35,995	98,048	...	174,396	364,389	67,770	899	741,497
Refinery raw material	-	-	-	...	-	-	11,546	-	11,546
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	-	-	...	-
II	182,923	20,343	-	...	203,266
IV	-	38,019	-	...	38,019
V	-	-	90,111	...	90,111
Other	-	-	-	...	-	-	-	-	-
Miscellaneous:									
Miscible flood	24,314	...	...	24,314
Gas enrichment	-	-	-
Losses and adjustments	-	-	-	...	- 5,698	141	1,743	-	- 3,814
Plant uses	395	1,613	-	...	2,008
Inventories:									
Opening inventory	-	-	-	...	258,652	148,527	9,940	...	417,119
Closing inventory	-	-	-	...	155,875	117,663	9,623	...	283,161
Net change	-	-	-	...	- 102,777	- 30,864	- 317	...	- 133,958
Total disposition	-	35,995	98,048	...	249,239	417,955	170,853	899	972,989

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, March 1966

	Maritimes	Quebec	Ontario	Manitoba (1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	61,090	985,113	29,373	...	1,075,576
Less returned to formation	43,636	...	...	43,636
Net withdrawals	61,090	941,477	29,373	...	1,031,940
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	18,513	39,453						57,966
Alberta	-	16,979	30,326		301,710	5,409	132,416	1,735	483,166
British Columbia	-	-	-		-		...	-	5,409
Deliveries	-	-	-		- 57,966	- 483,166	- 5,409	...	- 546,541
Total supply	-	35,492	69,779		304,834	463,720	156,380	1,735	1,031,940
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	100,240	113,417	69,162	...	113,417
Distributor and other	-	35,492	69,779			207,005		1,735	483,413
Sub-total	-	35,492	69,779		100,240	320,422	69,162	1,735	596,830
Refinery raw material	-	-	-		-	-	12,714	-	12,714
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-				
II		170,223	32,233	-	...	202,456
IV		-	40,879	-	...	40,879
V		-	-	80,366	...	80,366
Other	-	-	-		-	-	-	-	-
Miscellaneous:									
Miscible flood	30,327	...	...	30,327
Gas enrichment	-	-	-		...	1,460	...	...	1,460
Losses and adjustments	-	-	-		16,594	9,431	- 5,463	-	20,562
Plant uses		576	3,187	223	...	3,986
Inventories:									
Opening inventory	-	-	-		155,875	117,663	9,623	...	283,161
Closing inventory	-	-	-		173,076	143,444	9,001	...	325,521
Net change	-	-	-		17,201	25,781	- 622	...	42,360
Total disposition	-	35,492	69,779		304,834	463,720	156,380	1,735	1,031,940

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	53,074	948,158	19,939	...	1,021,171
Less returned to formation	41,475	...	...	41,475
Net withdrawals	53,074	906,683	19,939	...	979,696
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	8,101	14,388						
Alberta	-	7,742	49,450		331,452	-	91,202	-	22,489
British Columbia	-	-	-		-	-	...	570	480,416
Deliveries	-	-	-		- 22,489	- 480,416	-	...	- 502 905
Total supply	-	15,843	63,838		362,037	426,267	111,141	570	979,696
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-		-	99,911	...	...	99,911
Distributor and other	-	15,843	61,697		93,014	127,256	44,773	570	343,153
Sub-total	-	15,843	61,697		93,014	227,167	44,773	570	443,064
Refinery raw material	-	-	-		-	-	11,905	-	11,905
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	2,141		-	-	-	...	2,141
District II	-		154,165	55,112	-	...	209,277
District IV		-	26,865	-	...	26,865
District V		-	-	55,454	...	55,454
Other	-	-	-		-	-	-	-	-
Miscellaneous:									
Miscible flood	52,965	...	...	52,965
Gas enrichment	5,038	...	...	5,038
Losses and adjustments	-	-		- 8,135	19,434	- 368	-	10,931
Plant uses		462	1,590	631	...	2,683
Inventories:									
Opening inventory	-	-	-		173,076	143,444	9,001	...	325,521
Closing inventory	-	-	-		295,607	181,540	7,747	...	484,894
Net change	-	-	-		122,531	38,096	- 1,254	...	159,373
Total disposition	-	15,843	63,838		362,037	426,267	111,141	570	979,696

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	52,422	959,063	23,718	...	1,035,203
Less returned to formation	6,438	...	...	6,438
Net withdrawals	52,422	952,625	23,718	...	1,028,765
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	7,193	9,577	-	...	-	-	-	16,770
Alberta	-	47,629	99,346	-	314,533	...	83,125	872	545,505
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 16,770	- 545,505	-	...	- 562,275
Total supply	-	54,822	108,923	-	350,185	407,120	106,843	872	1,028,765
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	-	-	110,120	...	...	110,120
Distributor and other	54,822	103,254	-	71,242	76,845	43,621	872	350,656
Sub-total	-	54,822	103,254	-	71,242	186,965	43,621	872	460,776
Refinery raw material	-	-	-	-	-	-	16,749	-	16,749
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	5,669	-	-	-	-	...	5,669
II	-	-	155,383	116,307	-	...	271,690
IV	-	-	16,865	-	...	16,865
V	-	-	-	45,165	...	45,165
Other	-	-	-	-	-	-	-	-	-
Miscellaneous:									
Miscible flood	-	...	29,692	...	...	29,692
Gas enrichment	-	...	2,518	...	...	2,518
Losses and adjustments	-	-	-	-	3,711	7,760	858	-	12,329
Plant uses	-	1,004	2,228	1,141	...	4,373
Inventories:									
Opening inventory	-	-	-	-	295,607	181,540	7,747	...	484,894
Closing inventory	-	-	-	-	414,452	226,325	7,056	...	647,833
Net change	-	-	-	-	118,845	44,785	- 691	...	162,939
Total disposition	-	54,822	108,923	-	350,185	407,120	106,843	872	1,028,765

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	55,691	912,453	25,675	...	993,819
Less returned to formation	20,635	...	...	20,635
Net withdrawals	55,691	891,818	25,675	...	973,184
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	3,569	8,721	...	...	-	-	-	12,290
Alberta	-	29,255	121,216	...	281,812	...	61,159	838	494,280
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 12,290	- 494,280	-	...	- 506,570
Total supply	-	32,824	129,937	...	325,213	397,538	86,834	838	973,184
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	126,343	...	82,010	112,985	...	...	112,985
Distributor and other	-	32,824	-	...	-	88,787	35,028	838	365,830
Sub-total	-	32,824	126,343	...	82,010	201,772	35,028	838	478,815
Refinery raw material	-	-	-	...	-	-	11,788	-	11,788
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	3,594	...	131,352	-	-	...	3,594
District II	-	...	-	100,337	-	...	231,689
District IV	-	21,939	-	...	21,939
District V	-	...	-	-	35,935	...	35,935
Other	-	-	-	-	-	-	-	-	-
Miscellaneous:									
Miscible flood	25,789	...	...	25,789
Gas enrichment	-	-	-	-	2,681	-	1,601	-	14,480
Losses and adjustments	915	2,081	1,162	...	4,158
Plant uses
Inventories:									
Opening inventory	-	-	-	...	414,452	226,325	7,056	...	647,833
Closing inventory	-	-	-	...	522,707	261,747	8,376	...	792,830
Net change	-	-	-	-	108,255	35,422	1,320	...	144,997
Total disposition	-	32,824	129,937	...	325,213	397,538	86,834	838	973,184

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, July 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	55,649	890,668	21,288	...	967,605
Less returned to formation	38,866	...	...	38,866
Net withdrawals	55,649	851,802	21,288	...	928,739
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	1,426	4,409		...	-	-	-	5,835
Alberta	-	15,437	80,615		243,211	...	52,130	119	391,512
British Columbia	-	-	-		-	783	...	-	783
Deliveries	-	-	-		- 5,835	- 391,512	- 783	...	- 398,130
Total supply	-	16,863	85,024		293,025	461,073	72,635	119	928,739
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-		-	116,628	...	...	116,628
Distributor and other	-	16,863	83,585		91,350	97,271	27,720	119	316,908
Sub-total	-	16,863	83,585		91,350	213,899	27,720	119	433,536
Refinery raw material	-	-	-		-	-	14,401	-	14,401
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	1,439		-	-	-	...	1,439
District II	-		132,353	78,242	-	...	210,595
District IV		-	7,095	-	...	7,095
District V	-		-	-	27,945	...	27,945
Other	-	-	-		-	-	-	-	-
Losses:									
Gas enrichment	35,251	...	...	35,251
Plant uses		11,413	469	3,213	...	15,095
Losses and adjustments		2,268	1,768	1,851	...	5,887
Inventories:									
Opening inventory	-	-	-		522,707	261,747	8,376	...	792,830
Closing inventory	-	-	-		578,348	386,096	5,881	...	970,325
Net change	-	-	-		55,641	124,349	- 2,495	...	177,495
Total disposition	-	16,863	85,024		293,025	461,073	72,635	119	928,739

... Figures not appropriate or not applicable.

... Included with Saskatchewan.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, August 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	64,410	884,037	28,909	...	977,356
Less returned to formation	6,857	...	...	6,857
Net withdrawals	64,410	877,180	28,909	...	970,499
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	29,451	18,002		...	-			47,453
Alberta	-	6,087	64,868		302,688	...	66,564	1,091	441,298
British Columbia	-	-	-		-	1,107	...	-	1,107
Deliveries	-	-	-		- 47,453	- 441,298	- 1,107	...	- 489,858
Total supply	-	35,538	82,870		319,645	436,989	94,366	1,091	970,499
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	79,992		133,283	110,100	29,106	...	110,100
Distributor and other	-	35,538				97,665		1,091	376,675
Sub-total	-	35,538	79,992		133,283	207,765	29,106	1,091	486,775
Refinery raw material	-	-	-		-	-	14,567	-	14,567
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	2,878		-	-	-	...	2,878
II	-		150,664	104,855	-	...	255,519
IV		-	9,004	-	...	9,004
V		-	-	15,907	...	15,907
Other	-	-	-		-	-	423	-	423
Miscellaneous:									
Miscible flood	26,469	...	...	26,469
Gas enrichment	1,414	...	...	1,414
Losses and adjustments	-	-	-		- 5,473	- 28,679	2,816	-	- 31,336
Plant uses		1,326	1,679	86	...	3,091
Inventories:									
Opening inventory	-	-	-		578,348	386,096	5,881	...	970,325
Closing inventory	-	-	-		618,193	500,578	37,342	...	1,156,113
Net change	-	-	-		39,845	114,482	31,461	...	185,788
Total disposition	-	35,538	82,870		319,645	436,989	94,366	1,091	970,499

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	69,423	800,003	25,315	...	894,741
Less returned to formation	9,935	...	...	9,935
Net withdrawals	69,423	790,068	25,315	...	884,806
<u>Interprovincial movements:</u>									
Receipts from:									
Manitoba and Saskatchewan	-	5,673	41,046						
Alberta	-	9,083	49,718		220,276	...	263,199	1,973	46,719
British Columbia	-	-	-		-	1,611	...	-	544,249
Deliveries	-	-	-		- 46,719	- 544,249	- 1,611	...	- 592,579
Total supply	-	14,756	90,764		242,980	247,430	286,903	1,973	884,806
<u>Disposition</u>									
Deliveries:									
Petrochemical plants
Distributor and other	-	14,756	90,764		96,957	104,968	21,598	1,973	104,968
Sub-total	-	14,756	90,764		96,957	205,509	21,598	1,973	326,589
Refinery raw material	-	-	-		-	-	12,516	-	12,516
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-		-	-	-
II		126,411	85,708	-	...	212,119
IV		-	18,254	-	...	18,254
V		-	-	40,422	...	40,422
Other	-	-	-		-	-	-	-	-
Miscellaneous:									
Miscible flood	45,567	...	...	45,567
Gas enrichment	-	-	-		2,901	562	...	...	562
Losses and adjustments	-	-	-		857	- 1,348	779	-	2,332
Plant uses	908	-	...	1,765
Inventories:									
Opening inventory	-	-	-		618,193	500,578	37,342	...	1,156,113
Closing inventory	-	-	-		634,047	392,848	248,930	...	1,275,825
Net change	-	-	-		15,854	- 107,730	211,588	...	119,712
Total disposition	-	14,756	90,764		242,980	247,430	286,903	1,973	884,806

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, October 1966

	Maritimes	Quebec	Ontario	Manitoba (1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	80,988	1,015,143	28,066	...	1,124,197
Less returned to formation	1,791	...	...	1,791
Net withdrawals	80,988	1,013,352	28,066	...	1,122,406
<u>Interprovincial movements:</u>									
Receipts from:									
Manitoba and Saskatchewan	-	39,424	44,152	...	...	-	...	...	83,576
Alberta	-	24,636	56,358	...	254,082	...	325,567	1,057	661,700
British Columbia	-	-	-	-	-	2,702	...	-	2,702
Deliveries	-	-	-	-	- 83,576	- 661,700	- 2,702	...	- 747,978
Total supply	-	64,060	100,510	...	251,494	354,354	350,931	1,057	1,122,406
<u>Disposition</u>									
Deliveries:									
Petrochemical plants
Distributor and other	-	64,060	92,602	...	96,411	128,104	88,393	1,057	128,104
Sub-total	-	64,060	92,602	...	96,411	242,132	88,393	1,057	584,655
Refinery raw material	-	-	-	...	-	-	15,616	-	15,616
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	7,908	...	...	...	...	...	7,908
II	-	...	197,860	54,842	-	...	252,702
IV	23,082	-	...	23,082
V	-	-	55,574	...	55,574
Other	-	-	-	-	-	-	269,807	-	269,807
Miscellaneous:									
Miscible flood	35,077	...	...	35,077
Gas enrichment
Losses and adjustments	-	-	-	-	1,096	3,417	1,630	-	6,143
Plant uses	964	360	3,411	...	4,735
Inventories:									
Opening inventory	-	-	-	...	634,047	392,848	248,930	...	1,275,825
Closing inventory	-	-	-	...	589,210	388,292	165,430	...	1,142,932
Net change	-	-	-	...	- 44,837	- 4,556	- 83,500	...	- 132,893
Total disposition	-	64,060	100,510	...	251,494	354,354	350,931	1,057	1,122,406

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	76,249	1,142,281	33,144	...	1,231,674
Less returned to formation	-	-
Net withdrawals	76,249	1,142,281	33,144	...	1,231,674
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	41,125	36,667		...	172	-	-	77,964
Alberta	-	7,450	87,360		337,967	...	254,818	4,260	691,855
British Columbia	-	-	-		-	4,307	...	970	5,277
Deliveries	-	-	-		- 77,964	- 691,855	- 5,277	...	- 775,096
Total supply	-	48,575	124,027		336,252	454,905	282,685	5,230	1,251,674
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-		199,505	114,217	...	...	114,217
Distributor and other	-	48,575	109,214		-	225,182	80,037	5,230	667,743
Sub-total	-	48,575	109,214		199,505	339,399	80,037	5,230	781,960
Refinery raw material	-	-	-		-	-	12,021	-	12,021
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	14,813		-	-	-	...	14,813
District II	-		-	74,444	-	...	270,284
District IV		-	16,472	-	...	16,472
District V		-	-	-	...	80,912
Other	-	-	-		-	-	-	-	-
Miscellaneous:									
Miscible flood	27,301	...	...	27,301
Gas enrichment	-	-
Losses and adjustments	-	-	-		1,425	6,526	1,680	-	9,631
Plant uses		520	887	-	...	1,407
Inventories:									
Opening inventory	-	-	-		589,210	388,292	165,430	...	1,142,932
Closing inventory	-	-	-		528,172	378,168	273,465	...	1,179,805
Net change	-	-	-		- 61,038	- 10,124	108,035	...	36,873
Total disposition	-	48,575	124,027		336,252	454,905	282,685	5,230	1,251,674

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, Year 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	342,061	7,387,586	500,973	...	8,230,620
Less returned to formation	53,476	...	...	53,476
Net withdrawals	342,061	7,334,110	500,973	...	8,177,144
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan		252	30,297			16,751			47,300
Alberta	-	-	666,051		1,552,751	...	3,045,226	-	5,264,028
British Columbia	-	-	-		-	8,622	...	-	8,622
Deliveries	-	-	-		- 47,300	- 5,264,028	- 8,622	...	- 5,319,950
Total supply	-	252	696,348		1,552,751	2,095,455	3,537,577	-	8,177,144
<u>Disposition</u>									
Deliveries:									
Petrochemical plants
Distributor and other	-	...	9,314		...	19,898	1,511	...	267,864
Sub-total	-	...	9,314		...	19,898	1,511	-	267,864
Refinery raw material	-	-	596,923		122,942	340,833	...	-	4,974,556
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	1,511		...	...	...	...	1,511
District II
District IV
District V
Other	-	2,954,173
Miscellaneous:									
Miscible flood
Gas enrichment
Losses and adjustments	-	-
Plant uses
Inventories:									
Opening inventory	-	-	-		252,654	384,634	7,670	...	622,958
Closing inventory	-	-	-		183,669	291,284	7,530	...	482,483
Net change	-	-	-		- 66,985	93,350	- 140	...	- 140,475
Total disposition	-	252	696,348		1,847,512	2,095,455	3,537,577	-	8,177,144

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, January 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	-4,755	594,486	49,195	...	665,436
Less returned to formation
Net withdrawals	24,755	594,486	49,195	...	665,436
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	4,600	...	...	...	...	...	4,600
Alberta	-	-	88,244	...	98,959	...	307,052	...	474,274
British Columbia	-	-	-	...	-
Deliveries	-	-	-	-	-4,600	-474,274	-	...	-478,874
Total supply	-	-	92,844	-	119,114	120,212	353,247	-	665,436
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	-	-	-	-
Distributor and other	-	-	14,431	-	28	-	...	...	...
Sub-total	-	-	14,431	-	28	-	...	...	28,575
Refinery raw material	-	-	56,921	-	16,405	94,491	20,931	-	182,748
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	1,511	-	-	-	-	...	1,511
II	-	-	170,689	40,875	-	...	211,564
IV	-	-	24,759	-	...	24,759
V	-	-	-	303,592	...	303,592
Other	-	-	-	-	-	-	-	...	-
Miscellaneous:									
Miscible flood	-
Gas enrichment	-4,103	...	...	-4,103
Losses and adjustments	-	-	-	-	-803	55,324	9,246	...	63,767
Plant uses	-	-	3,213	...	3,213
Inventories:									
Opening inventory	-	-	-	-	230,654	384,634	7,670	...	622,958
Closing inventory	-	-	-	-	169,449	293,500	9,819	...	472,768
Net change	-	-	-	-	-61,205	-91,134	2,149	...	-150,190
Total disposition	-	-	72,863	-	119,114	120,212	353,247	-	665,436

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, February 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	20,199	561,229	39,733	...	621,181
Less returned to formation	3,295	...	...	3,293
Net withdrawals	20,199	557,936	39,733	...	617,888
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	11,380	-	...	-	-	-	11,380
Alberta	-	-	61,390	-	113,553	...	61,897	-	175,840
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-
Total supply	-	-	65,970	-	134,172	96,096	321,650	-	617,888
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	12,461	-	1,112	-	...	...	...
Distributor and other	-	-	-	-	-	-	...	-	...
Sub-total	-	-	12,461	-	1,112	-	17,085	-	30,658
Refinery raw material	-	-	53,509	-	11,114	64,350	30,810	-	159,773
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	-	-	-	-
II	-	-	170,019	...	-	...	211,523
IV	-	21,182	-	...	21,182
V	-	-	271,742	...	271,742
Other	-	-	-	-	-	-	-	-	-
Miscellaneous:									
Miscible flood	-	...	2,575	...	...	2,575
Gas enrichment	-	...	6,205	...	...	6,205
Losses and adjustments	-	-	-	-	-	14,054	3,840	-	17,634
Plant uses	-	-	-	643	...	643
Inventories:									
Opening inventory	-	-	-	-	169,449	293,500	9,819	...	472,768
Closing inventory	-	-	-	-	121,636	239,736	7,349	...	368,721
Net change	-	-	-	-	-	-	-	...	-
Total disposition	-	-	65,970	-	134,172	96,096	321,650	-	617,888

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, March 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	26,455	621,207	39,644	...	687,306
Less returned to formation	3,588	...	...	3,588
Net withdrawals	26,455	617,619	39,644	...	683,718
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	2,261	-	...	-	-	-	2,261
Alberta	-	-	61,770	...	157,519	...	275,420	-	498,709
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 2,261	- 494,709	-	...	- 496,970
Total supply	-	-	64,031	-	181,713	122,910	315,064	-	683,718
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	9,352	-	-	-	...	...	23,867
Distributor and other	-	-	-	-	-	-	14,515	-	-
Sub-total	-	-	9,352	-	-	-	14,515	-	23,867
Refinery raw material	-	-	54,679	-	10,258	76,575	31,297	-	172,809
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	-	-	-	-	...	-
II	-	-	185,419	36,818	-	...	222,237
IV	-	15,612	-	...	15,612
V	-	-	265,907	...	265,907
Other	-	-	-	-	-	-	-	-	-
Miscellaneous:									
Miscible flood	3,092	...	...	3,092
Gas enrichment	9,259	...	...	9,259
Losses and adjustments	-	-	-	-	- 2,458	1,636	3,020	-	2,198
Plant uses	-	3,312	170	...	3,482
Inventories:									
Opening inventory	-	-	-	-	121,636	239,736	7,349	...	368,721
Closing inventory	-	-	-	-	110,130	216,342	7,504	...	333,976
Net change	-	-	-	-	- 11,506	- 23,394	155	...	- 34,745
Total disposition	-	-	64,031	-	181,713	122,910	315,064	-	683,718

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, April 1966

	Maritimes	Quebec	Ontario	Manitoba (1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	22,939	612,432	37,070	...	672,441
Less returned to formation	15,393	...	...	15,393
Net withdrawals	22,939	597,039	37,070	...	657,048
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	3,019	-	...	-	-	-	3,019
Alberta	-	-	53,614	-	158,900	...	194,006	-	406,520
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 3,019	- 406,520	-	...	- 409,539
Total supply	-	-	56,633	-	178,820	190,519	231,076	-	657,048
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	-	-	-	-
Distributor and other	-	-	6,732	-	-	-	4,964	-	11,696
Sub-total	-	-	6,732	-	-	-	4,964	-	11,696
Refinery raw material	-	-	49,901	-	8,509	57,387	27,198	-	142,995
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	-	-	-	-	...	-
II	-	-	124,121	7,211	-	...	131,332
IV	-	-	-	12,342	-	...	12,342
V	-	-	-	-	186,226	...	186,226
Other	-	-	-	-	-	-	-	-	-
Miscellaneous:									
Miscible flood	3,456	...	...	3,456
Gas enrichment	9,065	...	...	9,065
Losses and adjustments	-	-	-	-	392	18,995	2,607	-	21,994
Plant uses	-	- 229	11,670	...	11,441
Inventories:									
Opening inventory	-	-	-	-	110,130	216,342	7,504	...	333,976
Closing inventory	-	-	-	-	155,928	298,634	5,915	...	460,477
Net change	-	-	-	-	45,798	82,292	- 1,389	...	126,501
Total disposition	-	-	56,633	-	178,820	190,519	231,076	-	657,048

... Figures not appropriate or not applicable.

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	22,763	619,429	34,303	...	676,495
Less returned to formation	14,741	...	...	14,741
Net withdrawals	22,763	604,688	34,303	...	661,754
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	1,508	...	...	-	-	-	1,508
Alberta	-	-	45,451	...	205,768	...	165,759	-	416,978
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 1,508	- 416,978	-	...	- 418,486
Total supply	-	-	46,959	...	227,023	187,710	200,062	-	661,754
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	...	-	2,722	6,076	...	10,306
Distributor and other	-	-	1,508	...	-	-	-	-	-
Sub-total	-	-	1,508	...	-	2,722	6,076	-	10,306
Refinery raw material	-	-	45,451	...	9,099	72,013	23,752	-	150,315
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	...	128,642	52,000	-	...	180,642
II	-	-	-	...	-	13,560	-	...	13,560
IV	-	-	-	...	-	-	160,097	...	160,097
V	-	-	-	...	-	-	-	-	-
Other	-	-	-	...	-	-	-	-	-
Miscellaneous:									
Miscible flood	1,105	...	...	1,105
Gas enrichment	-	-	-	4,445	...	...	4,445
Losses and adjustments	-	-	-	...	- 1,545	- 2,340	2,146	...	- 1,739
Plant uses	-	-	8,436	...	8,436
Inventories:									
Opening inventory	-	-	-	...	155,928	298,634	5,915	...	460,477
Closing inventory	-	-	-	...	246,755	342,839	5,470	...	595,064
Net change	-	-	-	...	90,827	44,205	- 445	...	134,587
Total disposition	-	-	46,959	...	227,023	187,710	200,062	-	661,754

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, June 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	28,663	583,728	36,837	...	649,228
Less returned to formation	12,325	...	...	12,325
Net withdrawals	28,663	571,403	36,837	...	636,903
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	2,242	...	...	-	-	-	2,242
Alberta	-	-	49,728	...	161,637	...	146,585	-	357,950
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 2,242	- 357,950	-	...	- 360,192
Total supply	-	-	51,970	...	188,058	213,453	183,422	-	636,903
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	...	-	4,737	...	...	...
Distributor and other	-	-	3,731	...	-	-	6,381	-	14,849
Sub-total	-	-	3,731	...	-	4,737	6,381	-	14,849
Refinery raw material	-	-	48,239	...	7,922	45,342	12,871	-	114,374
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	...	135,062	...	-	...	...
II	-	55,992	-	...	191,054
IV	12,532	-	...	12,532
V	-	-	146,361	...	146,361
Other	-	-	-	...	-	-	-	-	-
Miscellaneous:									
Miscible flood	-
Gas enrichment	4,419	...	...	4,419
Losses and adjustments	-	-	-	...	1,325	32,355	7,834	...	41,514
Plant uses	-	-	8,467	...	8,467
Inventories:									
Opening inventory	-	-	-	...	246,755	342,839	5,470	...	595,064
Closing inventory	-	-	-	...	290,504	400,915	6,978	...	698,397
Net change	-	-	-	...	43,749	58,076	1,508	...	103,333
Total disposition	-	-	51,970	...	188,058	213,453	183,422	-	636,903

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, July 1966

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	30,740	579,007	37,519	...	647,266
Less returned to formation	3,557	...	...	3,557
Net withdrawals	30,740	575,450	37,519	...	643,709
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	252	2,273	...	...	-	-	-	2,525
Alberta	-	-	43,142	...	124,487	...	143,399	-	311,028
British Columbia	-	-	-	-	-	1,263	...	-	1,263
Deliveries	-	-	-	-	-	-	1,263	-	1,263
Total supply	-	252	45,415	...	152,702	265,685	179,655	-	643,709
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	-	-	333	3,580	8,637	-	12,550
Distributor and other	-	-	-	-	-	-	-	-	-
Sub-total	-	252	2,273	...	333	3,580	8,637	-	15,075
Refinery raw material	-	-	43,142	-	8,904	4,226	18,015	-	144,335
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	121,939	90,632	-	...	212,571
V	-	-	-	-	-	12,782	-	...	12,782
Other	-	-	-	-	-	-	143,399	...	143,399
Miscellaneous:									
Miscible flood	-	-	-	-	-	-	-	-	-
Gas enrichment	-	-	-	-	-	6,634	...	...	6,634
Losses and adjustments	-	-	-	-	-	14,646	1,281	...	14,270
Plant uses	-	-	-	-	-	-	9,943	...	9,943
Inventories:									
Opening inventory	-	-	-	-	290,504	400,915	6,978	...	698,397
Closing inventory	-	-	-	-	313,937	464,100	4,860	...	782,897
Net change	-	-	-	-	-	63,181	-	...	84,116
Total disposition	-	252	45,415	...	152,702	265,685	179,655	-	643,709

... Figures not appropriate or not applicable.

... Included with Saskatchewan.

barrels of 35 Canadian gallons

	Maritimes	Quebec	Ontario	Manitoba (1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
<u>Supply</u>									
Production	33,810	518,110	-0,099	...	592,019
Less returned to formation	-
Net withdrawals	33,810	518,110	40,099	...	592,019
Interprovincial movement:									
Receipts from:									
Manitoba and Saskatchewan	-	-	50,404	-	...	-	233,636	-	384,491
Alberta	-	-	-	-	-	3,226	...	-	3,226
British Columbia	-	-	-	-	-	-	-	-	-
Deliveries	-	-	-	-	-	- 384,491	- 3,226	...	- 387,717
Total supply	-	-	50,404	-	134,261	136,845	270,509	-	592,019
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	-	669	4,448	11,067	...	22,182
Distributor and other	-	-	5,998	-	-	-	-	-	-
Sub-total	-	-	5,998	-	669	4,448	11,067	-	22,182
Refinery raw material	-	-	44,406	-	...	84,506	32,281	-	168,222
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	-	-	-	-	...	-
II	-	-	147,060	36,387	-	...	208,447
IV	-	-	22,036	-	...	22,036
V	-	-	-	224,269	...	224,269
Other	-	-	-	-	-	-	-	-	-
Miscellaneous:									
Miscible flood	1,684	...	...	1,684
Gas enrichment	403	...	...	403
Losses and adjustments	-	-	-	-	- 305	- 9,124	- 372	-	- 9,801
Plant uses	-	13,183	4,770	...	17,953
Inventories:									
Opening inventory	-	-	-	-	346,194	511,501	7,338	...	865,033
Closing inventory	-	-	-	-	331,002	464,823	5,832	...	801,657
Net change	-	-	-	-	- 15,192	- 46,678	- 1,506	...	- 63,376
Total disposition	-	-	50,404	-	134,261	136,845	270,509	-	592,019

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	36,073	640,136	48,536	...	724,745
Less returned to formation	-	-
Net withdrawals	36,073	640,136	48,536	...	724,745
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	1,506	-	...	-	-	-	1,506
Alberta	-	-	37,147	...	80,503	...	297,713	-	415,363
British Columbia	-	-	-	-	-	427	...	-	427
Deliveries	-	-	-	-	- 1,506	- 415,363	- 427	...	- 417,296
Total supply	-	-	38,653	...	115,070	225,200	345,822	-	724,745
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	...	-	-	-
Distributor and other	-	-	9,694	-	-	-	12,448	-	22,142
Sub-total	-	-	9,694	-	-	-	12,448	-	22,142
Refinery raw material	-	-	28,959	...	3,895	97,681	38,647	-	169,182
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	...	136,151	44,536	-	...	200,687
II	-	-	-	29,356	-	...	29,356
IV	-	-	-	...	-	-	-	...	-
V	-	-	-	...	-	-	-	...	-
Other	-	-	-	...	-	-	284,618	-	284,618
Miscellaneous:									
Miscible flood	922	...	...	922
Gas enrichment	254	...	...	254
Losses and adjustments	-	-	-	...	- 667	68,851	3,839	...	72,023
Plant uses	-	-	6,854	...	6,854
Inventories:									
Opening inventory	-	-	-	...	331,002	464,823	5,832	...	801,657
Closing inventory	-	-	-	...	286,693	448,423	5,248	...	740,364
Net change	-	-	-	...	- 44,309	- 16,400	- 584	...	- 61,293
Total disposition	-	-	38,653	...	115,070	225,200	345,822	-	724,745

... Figures not appropriate or not applicable.

(1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	29,820	718,179	47,873	...	795,872
Less returned to formation	-	-
Net withdrawals	29,820	718,179	47,873	...	795,872
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	3,041	-	...	-	-	-	3,041
Alberta	-	-	64,302	-	105,712	...	377,971	-	548,185
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 3,041	- 548,185	-	...	- 551,226
Total supply	-	-	67,543	-	132,491	169,994	425,844	-	795,872
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	-	-	25,865	...	...	25,865
Distributor and other	-	-	10,588	-	-	-	17,298	-	27,886
Sub-total	-	-	10,588	-	-	25,865	17,298	-	53,751
Refinery raw material	-	-	56,955	-	24,001	102,222	42,273	-	225,451
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	-	-	-	-	...	-
II	-	-	167,669	70,577	-	...	238,246
IV	-	-	-	38,862	-	...	38,862
V	-	-	-	-	361,145	...	361,145
Other	-	-	-	-	-	-	-	-	-
Miscellaneous:									
Miscible flood	3,539	...	...	3,539
Gas enrichment	-	-	351	...	...	351
Losses and adjustments	-	-	-	-	- 6,203	36,564	2,257	-	32,618
Plant uses	-	-	2,472	...	2,472
Inventories:									
Opening inventory	-	-	-	-	286,693	448,423	5,248	...	740,364
Closing inventory	-	-	-	-	233,717	340,437	5,647	...	579,801
Net change	-	-	-	-	- 52,976	- 107,986	399	...	- 160,563
Total disposition	-	-	67,543	-	132,491	169,994	425,844	-	795,872

... Figures not appropriate or not applicable.
 (1) Included with Saskatchewan.

	Maritimes	Quebec	Ontario	Manitoba(1)	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production	32,144	758,629	46,639	...	837,412
Less returned to formation	-	-
Net withdrawals	32,144	758,629	46,639	...	837,412
Interprovincial movements:									
Receipts from:									
Manitoba and Saskatchewan	-	-	3,775	...	...	16,751	-	-	20,526
Alberta	-	-	61,941	...	124,058	...	411,279	-	597,278
British Columbia	-	-	-	-	-	-	...	-	-
Deliveries	-	-	-	-	- 20,526	- 597,278	-	...	- 617,804
Total supply	-	-	65,716	...	135,676	178,102	457,918	-	837,412
<u>Disposition</u>									
Deliveries:									
Petrochemical plants	-	-	...	-	23,622	...	...	23,622
Distributor and other	-	-	13,696	...	-	110	20,944	-	34,750
Sub-total	-	-	13,696	...	-	23,732	20,944	-	58,372
Refinery raw material	-	-	52,020	...	12,375	92,311	39,623	-	196,329
Exports:									
U.S.A. Petroleum Administration:									
District I	-	-	-	...	-	-	-	...	-
II	181,630	39,246	-	...	220,876
IV	-	31,653	-	...	31,653
V	-	-	396,531	...	396,531
Other	-	-	-	...	-	-	-	-	-
Miscellaneous:									
Miscible flood	3,484	...	...	3,484
Gas enrichment	-	219	...	...	219
Losses and adjustments	-	-	-	-	- 8,281	36,346	- 3,128	-	24,937
Plant uses	-	264	2,065	...	2,329
Inventories:									
Opening inventory	-	-	-	...	233,717	340,437	5,647	...	579,801
Closing inventory	-	-	-	...	183,669	291,284	7,530	...	482,483
Net change	-	-	-	...	- 50,048	- 49,153	1,883	...	- 97,318
Total disposition	-	-	65,716	...	135,676	178,102	457,918	-	837,412

... Figures not appropriate or not applicable.
(1) Included with Saskatchewan.

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1. Preliminary Electric Energy Statistics, June 1967

Net generation of electric energy increased 3.6% to 12,703,675 thousand kwh. in June 1967 from 12,261,412 thousand kwh. in June 1966. This is the fourth consecutive month in which the percentage increase in generation has been declining. During the same period imports were up 47% while exports and secondary energy consumption were down 2% and 39% respectively. As a result, firm energy consumption in Canada increased 5.5%.

Total net generation for the twelve month period ending June 30/67 amounted to 162,660,867 thousand kwh.

Preliminary Electric Energy Statistics

(thousand Kwh)

	June		
	1965	1966	1967
Net generation - Hydro	8,924,146 ^r	10,560,987 ^r	10,850,219
Thermal	1,846,662 ^r	1,700,425 ^r	1,853,456
Total net generation	10,770,808 ^r	12,261,412	12,703,675
Energy imported from U.S.A.	405,609	223,435	328,583
Energy exported to U.S.A.:			
Firm	48,304	48,944	50,135
Secondary	230,614	300,696	291,239
Total exported to U.S.A.	278,918	349,640	341,374
Net energy used in Canada	10,897,499 ^r	12,135,207	12,690,884
Secondary energy used in Canada	154,858 ^r	236,454 ^r	139,440
Firm energy used in Canada	10,742,641 ^r	11,898,753 ^r	12,551,444

^r Revised figures.

2. Refined Petroleum Products

Production of refined petroleum products increased 2.8% in May to 30,339,540 barrels from 29,521,316 in the same month last year, according to an advance release of data that will be contained in the May issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil increased 4.2% in May to 30,900,104 barrels from 29,643,936 a year earlier. There was 5.8% more domestic crude at 18,926,777 barrels versus 17,882,153 and, 1.8% more imported crude at 11,973,327 barrels versus 11,761,783. Domestic disappearance of finished petroleum products increased 8.1% to 38,166,812 barrels from 35,308,548 in the same month last year.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, May 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
barrels of 35 Canadian gallons						
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	951,463	248,787	(2)	372,795	764,238	2,949,173
Quebec	2,300,818	385,205	984,379	1,499,289	1,936,425	8,542,888
Ontario	3,373,863	283,546	793,043	1,668,778	1,888,889	9,799,122
Manitoba	497,648	33,631	295,147	16,734	98,131	1,176,146
Saskatchewan	855,762	109,878	380,103	140,141	99,376	1,840,743
Alberta	1,306,605	23,589	703,813	47,847	146,344	2,817,982
British Columbia	1,290,088	199,373	821,494	153,343	357,315	3,169,567
Northwest Territories and Yukon	88	-	8,708	1,479	12,218	43,919
Canada totals	10,576,335	1,284,009	3,986,687	3,900,406	5,302,936	30,339,540

(1) Included with Maritimes.

(2) Included with Quebec.

NET SALES in Canada of Selected Petroleum Products, May 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	153,569	94,983	187,412	153,726	323,994	960,521
Maritimes	744,489	238,087	306,874	605,056	1,096,035	3,192,023
Quebec	2,949,654	302,779	758,550	1,782,519	3,829,155	11,101,776
Ontario	4,637,497	192,113	728,960	2,437,047	2,054,792	11,893,843
Manitoba	666,043	55,453	311,049	113,718	53,282	1,356,345
Saskatchewan	965,910	41,423	523,821	80,798	38,917	1,821,815
Alberta	1,243,864	22,518	515,197	50,392	38,818	2,226,786
British Columbia	1,195,014	108,037	543,779	322,679	617,961	3,163,155
Northwest Territories and Yukon	13,509	2,606	8,014	13,821	894	53,986
Canada totals	12,569,549	1,057,999	3,883,656	5,559,756	8,053,848	35,770,250

IMPORTS Into Canada of Selected Petroleum Products, May 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	23,069	333,070	131,935	509,011	577,356	1,530,661
Quebec	148,412	302,779	252,514	391,621	2,234,854	3,944,804
Ontario	-	192,113	-	83,360	524,858	914,442
All other	787	230,037	1,112	-	384,576	424,118
Canada totals	172,268	1,057,999	385,561	983,992	3,721,644	6,814,025

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1. Coal and Coke Statistics, June 1967

Coal production for the month of June amounted to 828,759 tons a decrease of 1.9% from the June 1966 production of 844,660 tons, while landed imports were 2,135,008 tons compared to 2,194,429 tons for the month of June 1966. Consumption by industrial consumers amounted to 911,796 tons of coal and 432,216 tons of coke, a decrease of 39,899 tons of coal and a decrease of 25,005 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 5,101,749 tons from 4,464,449 tons in June 1966.

Coke production during the month of June 1967 increased to 366,994 tons from 366,130 tons in June 1966, while coke used in blast furnaces decreased to 282,668 tons from 311,220 tons during the same period.

Coal and Coke Statistics
June 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	364,711	94,597	405,016	73,407	21,288	21,383	-
New Brunswick	71,398	150	64,391	47,333	63,410	-	-
Quebec	-	96,299	-	89,644	280,986	51,354	96,777
Ontario	-	1,943,628	-	559,255	4,179,437	331,957	105,574
Manitoba	-	58	-	26,870	82,816	115	184
Saskatchewan	98,614	245	93,363	49,078	191,158	-	-
Alberta	162,098	-	141,022	54,475	25,694	293	80
British Columbia and Yukon ...	131,938	31	94,547	11,734	8,327	27,114	46,018
Total Canada 1967	828,759	2,135,008	798,339	911,796	4,853,116	432,216	248,633
Total Canada 1966	844,660	2,194,429	810,334	951,695	4,202,215	457,221	262,234

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1. Coal and Coke Statistics, July 1967

Coal production for the month of July amounted to 564,351 tons an increase of 7.6% from the July 1966 production of 524,274 tons, while landed imports were 1,920,019 tons compared with 1,703,474 tons for the month of July 1966. Consumption by industrial consumers amounted to 974,989 tons of coal and 453,983 tons of coke, an increase of 34,904 tons of coal and a decrease of 16,826 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 5,882,972 tons from 5,067,626 tons in July 1966.

Coke production during the month of July 1967 decreased to 376,389 tons from 388,989 tons in July 1966, while coke used in blast furnaces decreased to 324,845 tons from 325,730^r tons during the same period.

The above data will be published in the July edition of Coal and Coke Statistics, Catalogue No. 45-002.

Coal and Coke Statistics

July 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	263,961	38,525	325,459	80,300	20,560	16,817	-
New Brunswick	67,763	242	66,796	57,403	58,890	-	-
Quebec	-	49,814	-	86,084	341,596	48,269	119,498
Ontario	-	1,831,125	-	603,223	4,888,768	364,062	92,901
Manitoba	-	-	-	19,062	86,833	72	834
Saskatchewan	50,917	202	56,205	38,721	189,251	-	-
Alberta	124,289	-	116,547	81,007	26,565	146	81
British Columbia and Yukon ..	57,421	111	36,516	9,189	7,960	24,617	49,235
Total Canada 1967	564,351	1,920,019	601,523	974,989	5,620,423	453,983	262,549
Total Canada 1966	524,274	1,703,474	649,064	940,085	4,798,225	470,809	269,401

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1. Preliminary Electric Energy Statistics, August 1967

Net generation of electric energy increased 2.3% to 12,977,491 thousand kwh. in August 1967 from 12,684,152 thousand kwh. in August 1966. This is the smallest percentage monthly increase since July 1965.

Firm energy consumption in Canada was up 6.4% over August of last year as compared to 7.8% for the first 6 months of 1967, and 9.4% average in 1966. The August increase was made possible by an increase of 11% in imports and decreases of 23% and 78% in exports and secondary energy consumption respectively.

During the first eight months of 1967, net generation has increased 5.8% over the corresponding period in 1966. Imports and exports have risen 43% and 3% respectively while consumption of secondary energy has decreased 34%.

Total net generation for the twelve month period ending August 31, 1967 amounted to 163,629,790 thousand kwh.

Further details will be published in the August edition of Electric Power Statistics, Catalogue No. 57-001.

Preliminary Electric Energy Statistics

(thousand Kwh)

	August		
	1965	1966	1967
Net generation - Hydro	9,252,399	10,576,569 ^r	10,280,881
Thermal	2,201,329 ^r	2,061,293 ^r	2,696,610
Total net generation	11,453,728 ^r	12,637,862 ^r	12,977,491
Energy imported from U.S.A.	277,208	315,681	349,769
<u>Energy exported to U.S.A.</u>			
Firm	41,823	44,326	46,951
Secondary	277,488	344,573 ^r	254,034
Total exported to U.S.A.	319,311	388,899 ^r	300,985
Net energy used in Canada	11,411,625 ^r	12,564,644 ^r	13,026,275
Secondary energy used in Canada	355,551 ^r	412,550 ^r	90,849
Firm energy used in Canada	11,056,074 ^r	12,152,094 ^r	12,935,426

^r Revised figures.

2. Crude Oil Requirements 1966 and 1967

Summary of Crude Oil Requirements and New Needs
(thousand barrels daily)

	1966		1967			
	Requirements		Requirements		New needs	
	Vol.	%	Vol.	%	Vol.	%
Domestic	603	58	625	58	22	50
Imports	435	42	457	42	22	50
Totals	1,038	100	1,082	100	44	100

Total requirements (domestic and imports) of crude oil for Canadian refineries are estimated to increase from 1,038,000 barrels daily (B/D) in 1966 to 1,082,000 B/D in 1967, an increase of approximately 4.2%.

Canadian crude requirements for refining are expected to increase by 3.6% from 603,000 B/D in 1966 to 625,000 B/D in 1967, while imported crude requirements for refining are expected to rise by 5% from 435,000 B/D in 1966 to 457,000 B/D in 1967.

Forecast new needs of crude oil for refining are expected to amount to 44,000 B/D in 1967, with domestic produced crude supplying 50% of these new needs (22,000 B/D) and imports 50% (22,000 B/D).

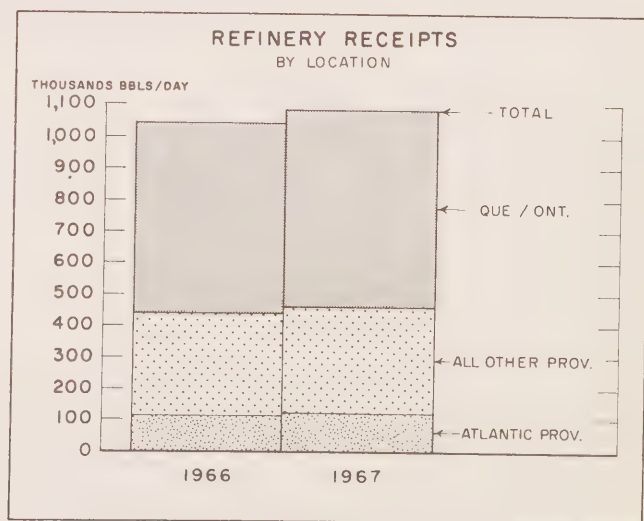
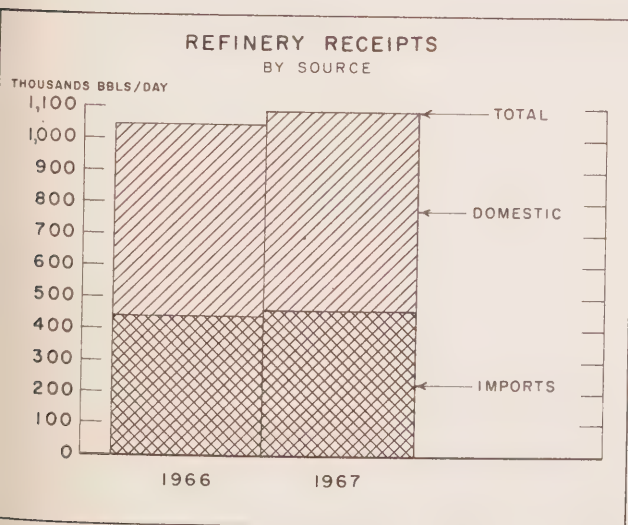
Crude oil exports for the fourth quarter of 1967 are estimated to average 461,000 B/D, an increase of 83,000 B/D over the same period in 1966.

Canadian Crude Oil Requirements

Anticipated and Actual Refinery Receipts of Crude Oil, Condensate and Pentanes Plus

	1966	1967	1966			1967		
	Actual Jan. - Dec.	Estimated Jan. - Dec.	Actual			Estimated		
			Oct.	Nov.	Dec.	Oct.	Nov.	Dec.
'000 barrels per day								
By source								
Domestic:								
Western	599.6	620.7	554.0	623.9	626.6	611.6	646.9	640.7
Eastern	3.6	3.8	3.5	3.6	3.7	3.5	3.6	3.6
Totals	603.2	624.5	557.5	627.5	630.3	615.1	650.5	644.3
Imported	434.4	457.4	381.1	485.7	463.7	489.7	468.8	499.2
Total requirements	1,037.6	1,081.9	938.6	1,113.2	1,094.0	1,104.8	1,119.3	1,143.5
By location								
Atlantic	110.1	116.6	77.7	134.3	107.4	113.2	128.7	125.2
Quebec	322.8	340.8	301.0	351.4	356.3	376.5	340.0	374.1
Ontario	312.8	317.7	299.3	309.3	321.6	329.8	334.6	337.0
Manitoba	40.0	39.8	42.3	44.6	44.4	43.2	43.7	44.5
Saskatchewan	62.1	62.6	28.6	63.0	63.9	40.1	63.5	61.0
Alberta	93.4	98.5	83.4	104.4	101.5	91.5	96.9	97.4
British Columbia	94.4	103.9	106.3	104.2	97.2	108.5	110.9	102.8
Northwest Territories	2.0	2.0	-	2.0	1.7	2.0	1.0	1.5
Total requirements	1,037.6	1,081.9	938.6	1,113.2	1,094.0	1,104.8	1,119.3	1,143.5
Export requirements(1)	346.8	..	360.7	377.4	396.2	441.9	455.1	485.9

(1) Reported by the pipeline companies.
.. Figures not available.





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1. Natural Gas Statistics, March 1967

During March 1967, Transport and Distribution Systems accounted for 114,672,317 Mcf. of the total deliveries to gas utilities. Imports were 4,959,518 Mcf. The total supply to gas utilities for the month was 126,646,478 Mcf., an increase of 18.9 over the same month last year.

Total sales of natural gas to Canadian consumers by distributors for March 1967 were 77,179,474 Mcf. This was an increase of 16.1 over the same month last year.

Residential customers accounted for 37.4, industrial customers 40.5 and commercial customers 22.1 of the total sales.

Revenues for the sales were 53,287,777 for the month.

Catalogue No. 55-002, which will be released shortly, will show more complete statistics of natural gas sales.

	New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
McF.								
<u>Receipts</u>								
By transport and distribution systems ..	12,590	2,614	1,831,370	3,742,797	90,221,885	18,861,061	-	114,672,317
Imports and other receipts	-	-	-	-	903	-	4,959,518	4,960,421
Received from storage ...	-	-	6,261,797	449,690	302,253	-	-	7,013,740
Total supply of gas utilities	12,590	2,614	8,093,167	4,192,487	90,525,041	18,861,061	4,959,518	126,646,478
<u>Disposition</u>								
Sales								
British Columbia	-	-	-	-	1,263,852	6,857,075	-	8,120,927
Alberta	-	-	-	-	20,828,476	-	9,675	20,838,151
Saskatchewan	-	-	-	4,301,777	3,639,064	-	-	7,940,841
Manitoba	-	-	-	1,550	5,380,700	-	-	5,382,250
Ontario	-	-	8,177,243	-	18,479,467	-	4,945,458	31,602,168
Quebec	-	2,614	-	-	3,285,415	-	-	3,288,029
New Brunswick	7,108	-	-	-	-	-	-	7,108
Exports and other deliveries								
Delivered to storage	-	-	-	-	33,984,613	10,968,220	4,375	44,957,208
Linepack fluctuation	-	-	-	267,056	940,074	-	-	1,207,130
Gas used in system	143	-	32,262	- 39,666	78,807	97,480	-	136,621
Line losses and unaccounted for	5,339	-	- 116,338	- 514,453	-1,353,840	- 38,354	10	- 2,017,636
Total demand on gas utilities	12,590	2,614	8,093,167	4,192,487	90,525,041	18,861,061	4,959,518	126,646,478

Sales of Natural Gas, March 1967

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	100	1,981	4,596	14,511
Quebec	518,389	204,697	1,471,438	2,256,498
Ontario	93,626	656,659	13,049,770	15,404,311
Manitoba	88,153	96,300	2,512,649	2,148,408
Saskatchewan	104,123	107,482	2,839,450	1,910,091
Alberta	240,383	243,162	6,223,985	3,116,466
British Columbia	154,687	178,005	2,768,160	4,085,070
Canada	1,199,461	1,488,286	28,870,048	28,935,355
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,236	1,255,949	916,574	
Ontario	7,116	12,004,149	7,297,036	
Manitoba	274	1,105,148	359,482	
Saskatchewan	572	3,532,054	869,666	
Alberta	523	9,453,238	1,753,177	
British Columbia	249	3,934,640	881,780	
Canada	10,970	31,285,178	12,077,715	
Firm	10,620	26,305,117	10,317,266	
Interruptible	350	4,980,061	1,760,449	
Commercial:				
New Brunswick	58	2,512	5,045	
Quebec	10,047	560,642	646,112	
Ontario	57,028	6,548,249	6,057,627	
Manitoba	8,621	1,764,453	1,191,377	
Saskatchewan	14,480	1,569,337	832,429	
Alberta	27,619	5,160,928	1,925,845	
British Columbia	23,464	1,418,127	1,616,383	
Canada	141,317	17,024,248	12,274,818	
Total sales:				
New Brunswick	2,039	7,108	19,556	
Quebec	216,980	3,288,029	3,819,184	
Ontario	720,803	31,602,168	28,758,974	
Manitoba	105,195	5,382,250	3,699,267	
Saskatchewan	122,534	7,940,841	3,612,186	
Alberta	271,304	20,838,151	6,795,488	
British Columbia	201,718	8,120,927	6,583,233	
Canada	1,640,573	77,179,474	53,287,888	

Oil Pipeline Transport, Natural Gas Pipeline
Transport and Distribution Companies

Quarterly Financial Statistics

For the six month period ended June 30, 1967 net income for oil pipeline companies was \$23.0 million, compared to the \$23.3 million reported for the same period in 1966. Net income of gas pipeline companies increased to \$17.8 million, 32.8 per cent over the \$13.4 million in the previous year. Net income of privately operated natural gas distribution companies, which account for approximately 80 per cent of all distributor's revenues, was 35.0 million, down 2.2 per cent from \$35.8.

Fixed assets as at June 30, 1967 totalled \$729.2 million for oil pipeline companies (up 15.0 per cent from \$634.0 million), \$1,217.2 million for gas pipeline companies (up 8.7 per cent from \$1,119.7 million), and \$1,029.4 million for gas distribution companies (up 7.4 per cent from \$958.1 million).

Quarterly Statement

Assets, Liabilities and Net Worth as at June 30, 1966-67

	Oil pipeline transport		Natural gas pipeline transport		Natural gas distribution (privately operated)	
	1966	1967	1966	1967	1966	1967
millions of dollars						
<u>Assets</u>						
Current assets:						
Cash	24.4	37.2	38.6	12.6	9.5	19.4
Accounts receivable less provision for doubtful accounts	18.4	21.5	19.8	23.4	54.2	60.0
Inventories of materials and supplies(1)	5.4	2.9	5.5	5.9	22.3	26.1
Other current assets	1.2	1.2	0.6	0.8	6.4	7.0
	49.4	62.8	64.5	42.7	92.4	112.5
Investments	67.8	62.4	60.7	61.8	110.3	160.5
Fixed assets	634.0	729.2	1,119.7	1,217.2	958.1	1,029.4
Less depreciation and amortization	212.8	232.0	155.0	183.3	154.3	169.6
Net fixed assets	421.2	497.2	964.7	1,033.9	803.8	859.8
Deferred debits	2.8	3.6	22.3	21.3	25.8	32.6
Total assets	541.2	626.0	1,112.2	1,159.7	1,032.3	1,165.4
<u>Liabilities and Net Worth</u>						
Current liabilities:						
Short term loans	11.3	7.4	0.1	38.1	10.6	15.9
Accounts payable	25.2	32.9	13.2	43.8	40.1	82.6
Long term debt due within one year less long term debt owned	12.4	16.6	31.2	33.8	11.5	13.2
Other current liabilities	0.5	1.0	16.1	0.1	36.2	5.1
	49.4	57.9	60.2	115.8	98.4	116.8
Long term debt	270.2	328.3	725.9	699.5	485.3	539.4
Deferred credits	45.5	48.2	7.3	6.2	23.0	24.9
Capital stock and surplus:						
Preferred	7.1	11.4	77.5	77.6	102.5	101.7
Common	71.9	73.5	90.8	97.0	150.4	194.8
Contributed surplus	22.3	22.4	93.0	90.3	42.4	39.6
Retained earnings	74.8	84.3	57.1	73.3	130.3	148.2
	176.1	191.6	318.4	338.2	425.6	484.3
Total liabilities and net worth	541.2	626.0	1,112.2	1,159.7	1,032.3	1,165.4

(1) Includes oil and gas inventories and gas stored underground.

Quarterly Statement

Preliminary Operating Revenue and Expense Account
For Six Months Ending June 30, 1966-67

	Oil pipeline transport		Natural Gas pipeline transport		Natural gas distribution (privately operated)	
	1966	1967	1966	1967	1966	1967
	millions of dollars					
Total operating revenues	75.7	78.0	130.1	143.9	218.5	227.3
Total operating expenses	17.7	18.7	79.5	89.6	137.4	142.2
Net revenue from operations	58.0	59.3	50.6	54.3	81.1	85.1
Other income and income from affiliated companies	4.6	6.3	1.0	0.9	2.7	2.4
Other deductions and fixed charges:						
Depreciation	11.5	12.3	14.1	14.8	10.2	12.7
Interest on long term debt	6.9	8.1	21.4	20.3	13.4	14.5
Other	1.2	0.8	2.7	2.3	3.5	2.3
	19.6	21.2	38.2	37.4	27.1	29.5
Net income before taxes	43.0	44.4	13.4	17.8	56.7	58.0
Provision for income taxes	19.7	21.4	-	-	20.9	23.0
Net income after taxes	23.3	23.0	13.4	17.8	35.8	35.0

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1. Coal and Coke Statistics, August 1967

Coal production for the month of August amounted to 785,036 tons, an increase of 16.7% over the August 1966 production of 672,486 tons, while landed imports were 1,846,069 tons compared with 2,372,302 tons for the month of August 1966. Consumption by industrial consumers amounted to 1,138,107 tons of coal and 479,143 tons of coke, an increase of 211,098 tons of coal and an increase of 39,868 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 6,161,497 tons from 5,641,468 tons in August 1966.

Coke production during the month of August 1967 increased to 384,482 tons from 366,864 tons in August 1966, while coke used in blast furnaces increased to 333,136 tons from 291,225 tons during the same period.

The above data will be published in the August edition of Coal and Coke Statistics, Catalogue No. 45-002.

Coal and Coke Statistics

August 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	198,225	-	307,827	72,325	24,110	21,883	-
New Brunswick	83,633	97	78,413	62,740	61,132	-	-
Quebec	-	67,134	-	95,706	319,584	50,652	116,493
Ontario	-	1,778,511	-	649,166	5,174,123	381,666	95,352
Manitoba	-	133	-	19,814	85,072	106	893
Saskatchewan	115,291	164	113,827	93,148	188,692	-	-
Alberta	261,923	-	259,691	132,509	39,245	389	101
British Columbia and Yukon ..	125,964	30	68,606	12,699	7,250	24,447	49,450
Total Canada 1967	785,036	1,846,069	828,364	1,138,107	5,899,208	479,143	262,289
Total Canada 1966	672,486	2,372,302	672,787	927,009	5,341,537	439,275	299,931

2. Refined Petroleum Products

Production of refined petroleum products decreased 0.1% in July 1967 to 33,603,888 barrels from 33,638,173 in the same month last year, according to an advance release of data that will be contained in the July issue of the DBS report "Refined Petroleum Products".

Receipts of crude oil fell 0.2% in July to 32,974,893 barrels from 33,044,740 a year earlier. There was 1.9% more domestic crude at 18,996,271 barrels versus 18,640,905 and, 3.0% less imported crude at 13,978,622 barrels versus 14,403,835. Domestic disappearance of finished petroleum products increased 6.7% to 33,150,718 barrels from 31,075,998 in the same month last year.

Cumulative data to July 1967 is presented in this issue for the first time. Comparable data for 1966 is not available at this time but will be included in future Service Bulletins.

The above data will be published in the July edition of Refined Petroleum Products, Catalogue No. 45-004.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, July 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	939,258	423,062	(2)	710,890	789,902	3,561,297
Quebec	3,272,624	377,495	1,334,962	1,673,443	1,976,322	10,611,911
Ontario	3,931,287	229,433	546,162	2,003,922	1,696,399	9,998,457
Manitoba	391,585	4,090	252,624	66,366	70,611	1,087,548
Saskatchewan	961,774	118,434	442,815	232,981	142,721	2,185,253
Alberta	1,537,853	1,085	990,484	44,004	170,577	3,372,982
British Columbia	1,020,727	151,751	718,503	134,431	213,300	2,719,862
Northwest Territories and Yukon	- 872	-	- 7,601	32,858	23,376	66,578
Canada total	12,054,236	1,305,350	4,277,949	4,898,895	5,083,208	33,603,888

(1) Included with Maritimes.

(2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, July 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	22,693	67,773	59,909	372,798	368,992	1,027,542
Quebec	646,881	54,742	127,969	310,652	1,536,322	3,098,999
Ontario	109,700	-	92,728	21,744	530,397	1,028,034
All other	649	872	252	-	302,368	340,452
Canada total	779,923	123,387	280,858	705,194	2,738,079	5,495,027

EXPORTS OF Selected Petroleum Products, July 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	barrels of 35 Canadian gallons					
Maritimes	-	-	-	-	-	-
Quebec	-	-	499	-	-	6,940
Ontario	-	-	-	91,135	-	127,313
Alberta	-	-	-	-	1,145	1,145
British Columbia	41,173	-	-	16,888	-	72,978
Canada totals	41,173	-	499	108,023	1,145	208,376

NET SALES In Canada Of Selected Petroleum Products, July 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products cumulative 1967
			Diesel	Light	Heavy		
barrels of 35 Canadian gallons							
Newfoundland	201,012	41,569	160,250	43,212	380,084	971,603	6,560,865
Maritimes	923,794	73,659	260,499	129,645	837,956	2,630,857	22,203,785
Quebec	3,364,862	72,420	817,615	558,091	2,671,915	9,210,023	74,557,139
Ontario	4,939,909	41,798	655,746	445,064	1,448,573	9,351,469	82,074,023
Manitoba	669,458	7,101	268,916	19,839	44,532	1,243,728	8,860,596
Saskatchewan	928,593	11,716	442,625	21,882	36,525	1,651,984	10,293,761
Alberta	1,324,015	14,535	524,348	18,002	91,079	2,474,973	14,227,477
British Columbia	1,397,466	39,383	587,194	65,113	564,288	3,119,164	24,029,433
Northwest Territories and Yukon	14,455	4,419	90,451	19,842	47,188	200,907	588,268
Canada total	13,763,564	306,600	3,807,644	1,320,690	6,122,140	30,854,708	
Canada cumulative 1967	78,843,325	11,034,914	23,132,250	52,133,759	50,185,616		243,395,347

3. Natural Gas Statistics, April 1967

During April 1967, Transport and Distribution Systems accounted for 103,277,628 Mcf. of the total deliveries to gas utilities. Imports were 5,603,011 Mcf. The total supply to gas utilities for the month was 110,771,307 Mcf., an increase of 16.5% over the same month last year.

Total sales of natural gas to Canadian consumers by distributors for April 1967 were 66,432,409 Mcf. This was an increase of 15.0% over the same month last year.

Residential customers accounted for 32.6%, industrial customers 46.3% and commercial customers 21.1% of the total sales.

Revenues for the sales were \$43,937,045 for the month.

Catalogue No. 55-002, which will be released shortly, will show more complete statistics of natural gas sales.

	New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
Mcf.								
<u>Receipts</u>								
By transport and distribution systems ..	9,045	2,614	1,203,490	3,076,196	81,186,931	17,799,352	-	103,277,628
Imports and other receipts	-	-	-	-	917	-	5,602,094	5,603,011
Received from storage ...	-	-	1,533,542	214,019	143,107	-	-	1,890,668
Total supply of gas utilities	9,045	2,614	2,737,032	3,290,215	81,330,955	17,799,352	5,602,094	110,771,307
<u>Disposition</u>								
Sales								
British Columbia	-	-	-	-	1,058,253	6,314,041	-	7,372,294
Alberta	-	-	-	-	18,664,353	-	11,361	18,675,714
Saskatchewan	-	-	-	4,188,648	3,219,088	-	-	7,407,736
Manitoba	-	-	-	-	4,189,238	-	-	4,189,238
Ontario	-	-	3,095,251	-	17,368,771	-	5,591,503	26,055,525
Quebec	-	2,614	-	-	2,722,743	-	-	2,725,357
New Brunswick	6,545	-	-	-	-	-	-	6,545
Exports and other deliveries	-	-	-	-	31,990,567	10,780,223	-	42,770,790
Delivered to storage	-	-	-	197,045	2,432,108	-	-	2,629,153
Linepack fluctuation	-	-	-	38,309	- 67,080	- 64,114	-	- 92,885
Gas used in system	100	-	36,502	124,730	3,547,554	877,656	-	4,586,542
Line losses and un- accounted for	2,400	-	- 394,721	- 1,258,517	- 3,794,640	- 108,454	- 770	- 5,554,702
Total demand on gas utilities	9,045	2,614	2,737,032	3,290,215	81,330,955	17,799,352	5,602,094	110,771,307

Sales of Natural Gas, April 1967

No.		Customers		Gas sold	Revenue
		Space heating	Total		
		No.		Mcf.	\$
	Residential:				
1	New Brunswick	100	1,980	4,274	14,053
2	Quebec	121,256	203,982	974,004	1,604,781
3	Ontario	507,062	657,511	9,278,143	11,209,952
4	Manitoba	93,863	96,514	1,752,068	1,545,390
5	Saskatchewan	104,775	109,101	2,348,185	1,644,148
6	Alberta	240,823	243,560	5,424,986	3,002,326
7	British Columbia	158,008	178,488	1,873,473	2,713,518
8	Canada	1,225,887	1,491,136	21,656,133	21,734,168
	Industrial:				
9	New Brunswick		-	-	-
10	Quebec		2,240	1,253,590	827,405
11	Ontario		7,137	11,843,985	6,761,294
12	Manitoba		278	1,132,710	379,609
13	Saskatchewan		571	3,702,422	936,374
14	Alberta		515	8,598,573	1,585,912
15	British Columbia		259	4,197,327	1,720,226
16	Canada		11,000	30,728,607	12,210,820
17	Firm		10,642	25,220,284	10,169,540
18	Interruptible		358	5,408,323	2,041,280
	Commercial:				
19	New Brunswick	59		2,271	5,011
20	Quebec	10,059		497,763	545,821
21	Ontario	57,160		4,933,397	4,592,731
22	Manitoba	8,654		1,304,460	908,563
23	Saskatchewan	14,881		1,356,129	723,310
24	Alberta	27,535		4,652,155	1,742,751
25	British Columbia	23,605		1,301,494	1,473,870
26	Canada	141,953		14,047,669	9,992,057
	Total sales:				
27	New Brunswick	2,039		6,545	19,064
28	Quebec	216,281		2,725,357	2,978,007
29	Ontario	721,808		26,055,525	22,563,977
30	Manitoba	105,446		4,189,138	2,833,562
31	Saskatchewan	124,553		7,407,736	3,303,832
32	Alberta	271,610		18,675,714	6,330,989
33	British Columbia	202,352		7,372,294	5,907,614
34	Canada	1,644,089		66,432,409	43,937,045

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1. Price Indexes of Electric Utility Construction

Distribution Systems
Transmission Lines
Transformation & Switching Stations

1961 = 100

The base-weighted price indexes of the costs of constructing electrical utility distribution systems, transmission lines and transformation and switching stations in Canada express prices in a given year for materials, labour and equipment as a percentage of prices for the same components of cost in the base year 1961. Annual commodity, group and total indexes from 1956 to 1966 are presented herein. The 1966 indexes are preliminary and are in addition to those released in June 1966 in DBS Occasional Paper 62-526.

The indexes and explanatory information released below are also to be found in the August 1967 issue of Prices and Price Indexes, DBS Publication 62-002.

Characteristics of Recent Index Movement

The sharp increases in demand for capital goods in each of the years 1964, 1965 and 1966 was in general accompanied by rising prices for the inputs into electric utility construction. By 1966 the resources of the capital-goods producing industries were being more fully utilized. The resulting demands for labour were accompanied by sharply increasing wage rates. As shown in the following

table wage rate increases for the construction of electric utilities showed increases of around 4 percent in 1964 but by 1966 these rates were rising by about 8 1/2 per cent. The increases in the materials and capital equipment components were, in general, not as sharp, and displayed more irregularity.

	Percentage changes		
	<u>1964</u> 1963	<u>1965</u> 1964	<u>1966</u> 1965
Distribution systems	+ 2.0	+ 2.6	+ 6.2
Construction	+ 2.5	+ 4.5	+ 7.0
Materials	+ 1.3	+ 4.6	+ 6.3
Poles, western cedar	- .8	+ 13.6	+ 7.9
Conductors	+ 1.7	+ 4.2	+ 8.9
Labour	+ 4.2	+ 5.1	+ 8.7
Construction equipment	+ 1.3	+ 1.1	+ 3.0
Distribution systems equipment	+ 1.2	- 2.3	+ 3.9
Transmission lines	+ .4	+ 5.4	+ 4.9
Construction			
Materials	- .9	+ 6.1	+ 3.6
Poles, western cedar	- 1.9	+ 13.2	+ 13.5
Conductors, ACSR	- 3.0	+ 7.9	+ 1.5
Insulators	0.0	+ 4.5	+ 5.8
Labour	+ 3.9	+ 5.0	+ 8.6
Construction equipment	+ 2.0	+ 1.6	+ 3.3
Transformation and switching stations	+ 5.7	+ 5.3	+ 5.7
Structures and improvements	+ 3.4	+ 9.2	+ 6.8
Materials	+ 5.2	+ 7.5	+ 3.6
Buswork and conductors	+ 7.1	+ 9.9	+ 8.0
In-place prices	- 2.3	+ 15.0	+ 17.0
Earth excavation	- 3.8	+ 15.3	+ 19.9
Crushed gravels	+ .9	+ 14.5	+ 11.3
Labour	+ 3.6	+ 6.4	+ 8.1
Station equipment	+ 6.9	+ 4.2	+ 4.9
Power transformers	+ 8.3	+ 2.3	+ 3.8
Metalclad switchgear	+ 4.5	+ 9.9	+ 6.7
Power circuit breakers	+ 6.0	+ 2.7	+ 5.0
Public and private investment in Canada(1)			
Electric utility construction, including generating stations	+ 22.7	+ 24.9	+ 12.1
Total investment in Canada	+ 16.5	+ 17.6	+ 15.8

(1) Source: Public and Private Investment in Canada, DBS Catalogue Number 61-206, Annual.

Index Weights

It is suggested that users making extensive use of the indexes will find it useful to retain the pictorial tables following which illustrate the commodity weights and the method of aggregating indexes into major groups and the total indexes. Weights to four decimals are provided to assist in index calculations but they should not be regarded as significant beyond one decimal place.

Characteristics of the Indexes

In electric utility terms, the index is designed to provide an estimate of the impact of price change on the cost of materials, labour and equipment used in constructing and equipping electric utilities in a specified base period. The index provides an estimate of how much more, or less it would cost to reproduce the base-period programme of construction in another period, using the same construction technology as in the base period and assuming rates of profit and productivity in construction are the same in both periods.

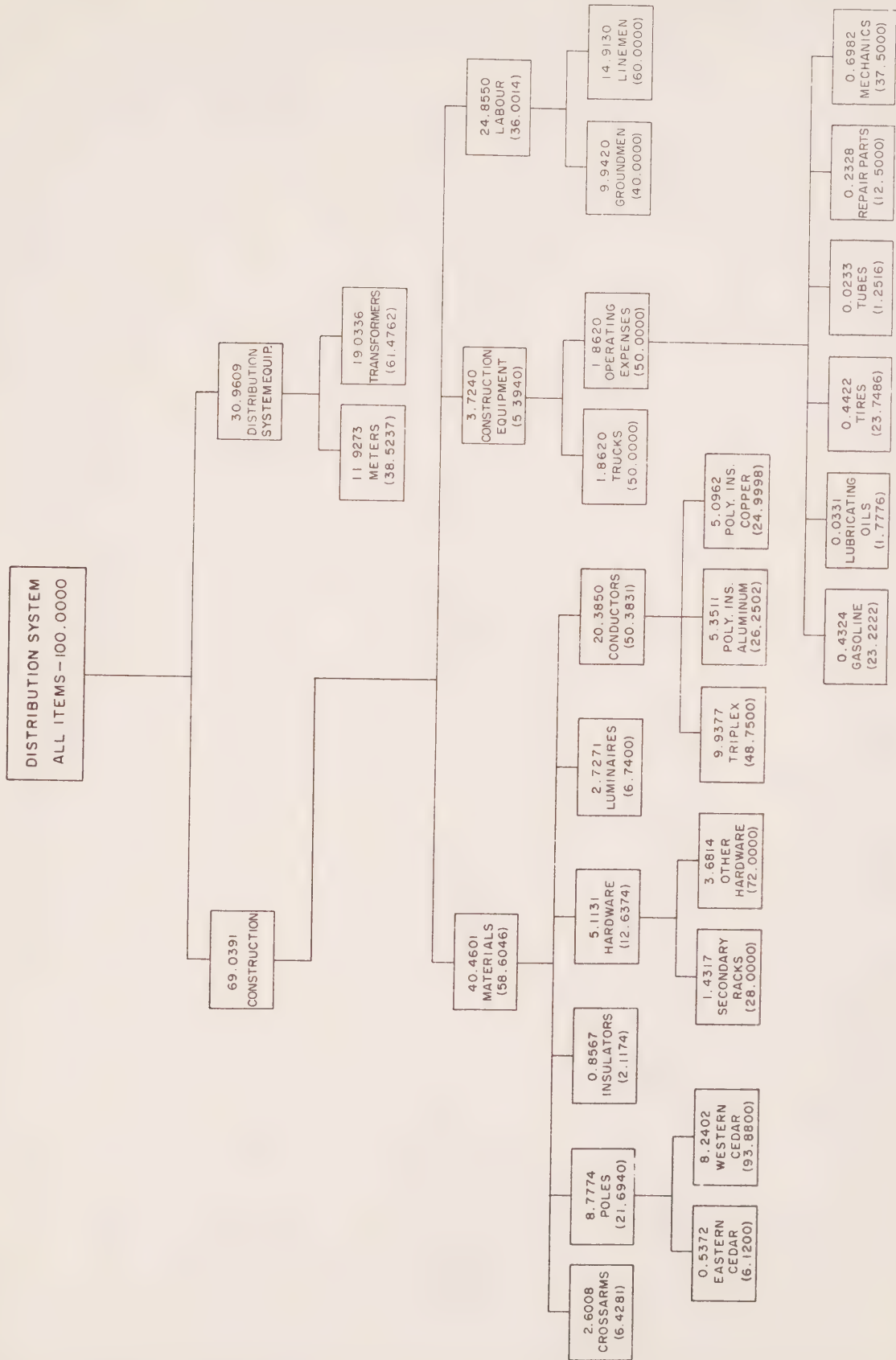
As the market does not yield comparable selling prices for such unique transactions as, for example, the sale of a transmission line, it was not possible to produce an index of the prices of completed structures. Completed structure indexes would be appropriate for users wishing either to estimate reproduction costs or to deflate capital formation. For such uses the indexes introduced in this publication have specific shortcomings. Nonetheless, they may be helpful for such purposes provided the users understand the deficiencies. Thus the reader is asked to make particular note of Section III, of DBS Occasional Paper 62-526 Capital Expenditures Price Indexes - The Necessity for Compromise and Section XI, (of the same paper) Uses and Limitations. In addition, because particular construction projects are unique, the aggregate indexes will not likely be appropriate to specific projects since they relate to an average mix of materials, labour and equipment derived from a variety of projects in a specific base period. Thus, if the component price indexes and their weights included in the aggregate index presented herein are inappropriate for a particular purpose the user should consider selecting appropriate component indexes from among those published herein. These indexes could then be combined into an aggregate index by utilizing weights derived from the projects or assets to be costed or deflated.

Prices used in the indexes are for the most part selling prices reported monthly by manufacturers for materials or equipment. The price reported is for units and terms of sale representative of the volume sales of the manufacturer. Where sales to electric utilities form a small share of the total sales of the manufacturer, the price reported may not adequately represent the price to the construction trade and others directly involved in constructing and equipping electric utility facilities. In such cases, prices charged other manufacturers or wholesalers have been included in the index. Federal sales tax changes are reflected in the index but no adjustments have been made for provincial tax changes. Wage rate data have been supplied by the Department of Labour and represent minimum hourly rates paid to construction workers on federal government contracts.

Construction has been defined as new construction or major reconstruction for distribution systems, transmission lines and transformation or switching stations. Maintenance and operating costs are excluded. Cost data were supplied by major utilities, relating to own account and to contract construction erected during the last half of the 1950's. Weights were derived from these data which indicated the relative importance of the major inputs to the construction. The components of cost relating to distribution and transmission facilities encompass such items as poles, hardware, conductors, insulators, meters, distribution transformers and expenditures for labour, e.g. - linemen and groundmen. Costs relating to construction equipment such as trucks, and components of equipment operating costs such as tires, gasoline and repairs were also included. Transformation and switching stations encompass some of the items listed above but the most important elements of cost related to transformers and switching equipment. Expenditures for land and rights-of-way have been excluded.

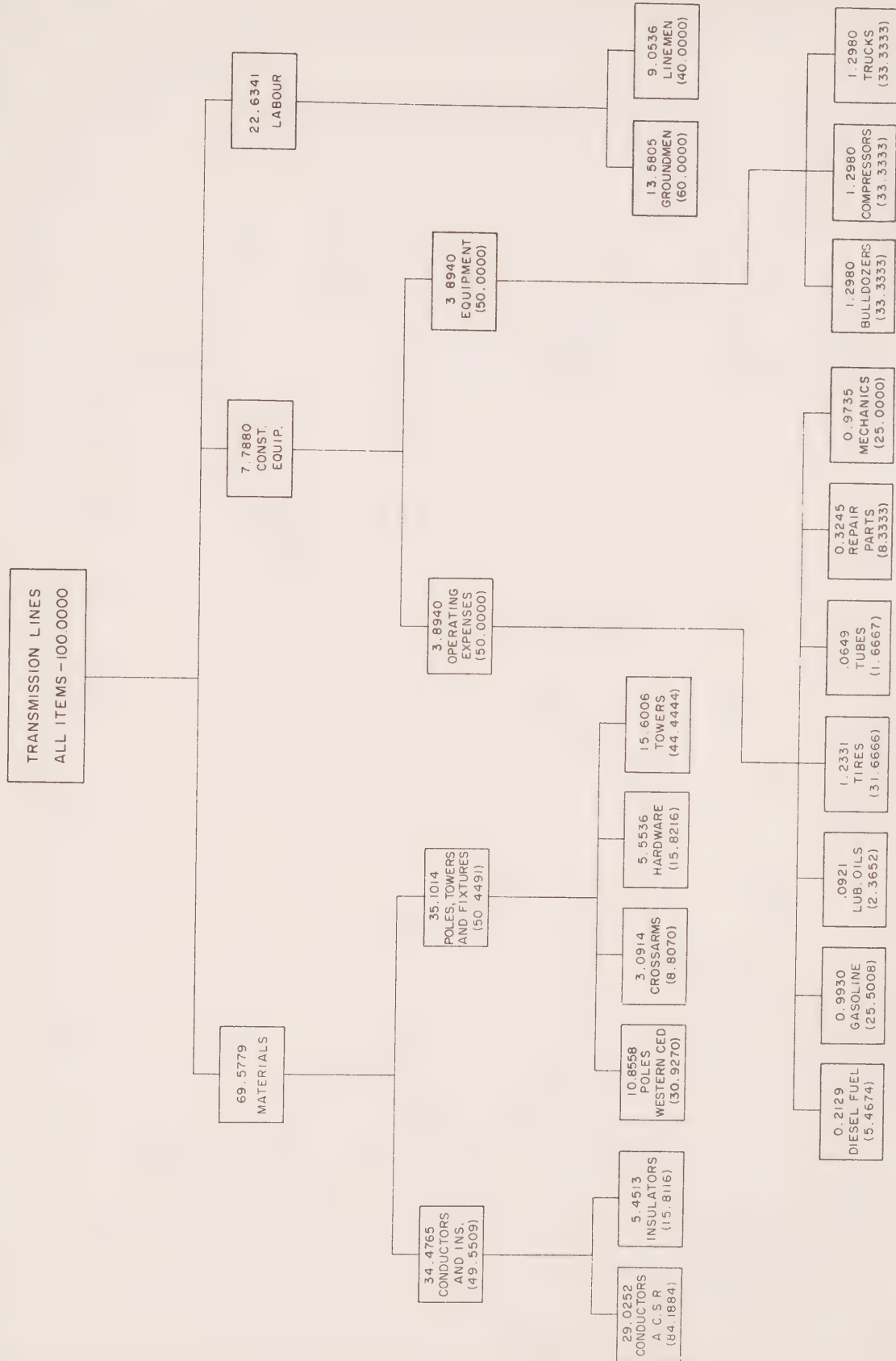
The term Canadian electric utility has been defined to include municipal as well as nonmunicipal utilities but the majority of the cost data tabulated was derived from the major nonmunicipal utilities. Manufacturers who produce electricity for their own use and who may also sell electricity have been excluded from the cost survey.

WEIGHTING DIAGRAM



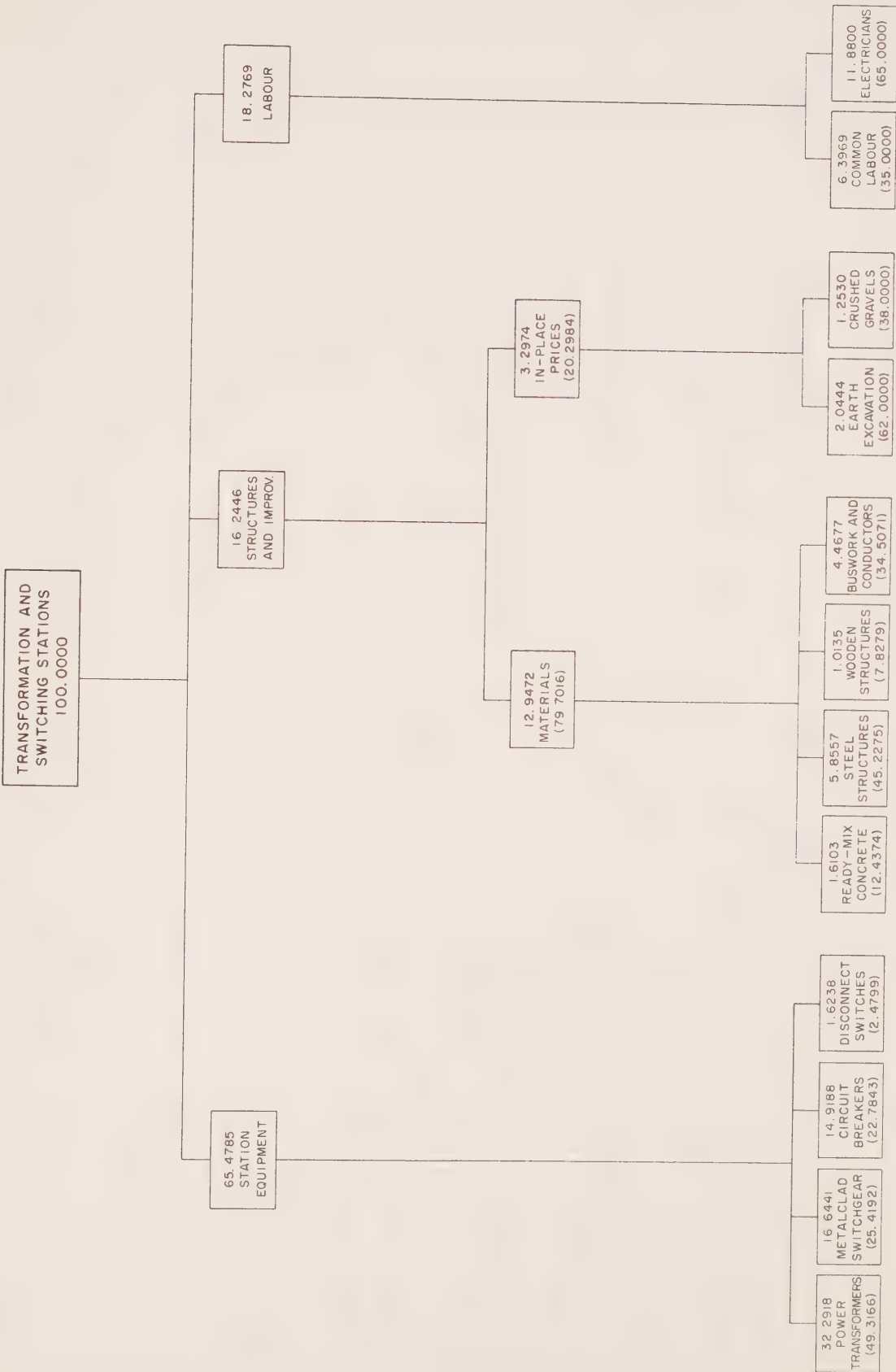
NOTE: WEIGHTS TO FOUR DECIMALS ARE PROVIDED TO ASSIST IN INDEX CALCULATIONS BUT THEY SHOULD NOT BE REGARDED AS SIGNIFICANT BEYOND ONE DECIMAL PLACE

WEIGHTING DIAGRAM



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WEIGHTING DIAGRAM



NOTE. WEIGHTS TO FOUR DECIMALS ARE PROVIDED TO ASSIST IN INDEX CALCULATIONS BUT THEY SHOULD NOT BE REGARDED AS SIGNIFICANT BEYOND ONE DECIMAL PLACE.

TABLE 1. Price Indexes of Electric Utility Distribution Systems, Major Components and Items, Canada, Annually, 1956-66
(1961 = 100)

Total, major components and items	Indexes														
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Prelimi- nary 1966	1967	1968	1969	
Distribution systems	95.1	96.5	93.2	96.8	100.3	100.0	101.9	102.5	104.6	107.3	113.9				
Construction	92.7	91.9	93.5	96.3	98.5	100.0	102.5	105.2	107.8	112.7	120.6				
Materials(1)	103.8	100.4	98.7	100.6	100.3	100.0	101.8	103.9	105.2	110.0	116.9				
Poles	99.1	97.5	99.1	104.8	99.3	100.0	104.0	108.4	107.3	121.1	130.9				
Eastern cedar	120.8	101.9	101.3	116.2	100.2	100.0	109.0	112.1	109.1	109.8	123.6				
Western cedar	97.7	97.2	99.0	104.1	99.2	100.0	103.6	108.1	107.2	121.8	131.4				
Crossarms	113.1	97.4	94.9	110.2	105.7	100.0	111.9	116.6	128.0	128.2	129.9				
Hardware	96.5	97.4	99.5	99.7	100.0	100.0	101.3	103.5	103.5	102.0	101.8				
Secondary racks	95.9	96.7	98.8	99.6	99.9	100.0	102.6	104.4	104.4	98.6	90.1				
Other hardware	96.8	97.7	99.8	99.7	100.0	100.0	100.9	103.2	103.2	103.3	106.3				
Conductors	107.9	103.4	99.1	98.1	100.2	100.0	99.7	100.6	102.3	106.6	116.1				
Triplex	102.9	105.5	102.3	97.8	100.0	100.0	98.1	97.4	97.2	99.4	103.4				
Polyethylene insulated-Aluminum	102.9	105.5	102.3	97.8	100.0	100.0	98.1	97.4	97.3	99.6	103.5				
Copper	123.0	96.9	89.3	99.0	100.7	100.0	104.6	110.3	117.5	128.0	153.9				
Insulators	94.9	95.2	95.9	98.7	102.0	100.0	100.6	101.4	101.4	106.0	112.2				
Luminaires	96.1	97.1	97.0	99.2	100.1	100.0	101.2	102.7	103.0	98.5	95.1				
Labour	75.7	78.5	84.9	89.3	95.3	100.0	104.3	108.3	112.8	118.6	128.9				
Groundmen	75.0	78.1	84.6	88.8	95.0	100.0	104.3	108.5	113.0	118.5	129.6				
Linemen	76.1	78.8	85.1	89.6	95.5	100.0	104.2	108.2	112.8	118.8	128.5				
Construction equipment	85.2	90.1	93.8	96.2	98.9	100.0	99.4	100.0	101.3	102.4	105.5				
Equipment-trucks	82.6	90.5	95.7	97.8	99.6	100.0	102.3	103.5	103.7	103.6	104.8				
Operating expenses(2)	87.7	89.7	91.9	94.5	98.2	100.0	96.4	96.6	99.0	101.2	106.2				
Distribution systems equipment(1)	100.4	106.6	92.5	97.9	104.3	100.0	100.4	96.4	97.6	95.4	99.1				
Meters	89.4	96.7	98.3	99.1	100.0	100.0	100.0	99.1	98.6	98.6	98.6				
Transformers	107.3	112.9	88.9	97.1	107.1	100.0	100.6	94.7	96.9	93.3	99.3				

(1) Combined materials and distribution

systems equipment index

(2) Detailed commodity detail for operating expenses is shown in Table 2.

TABLE 2. Price Indexes of Electric Utility Transmission Lines, Major Components and Items, Canada, Annually, 1956-66
(1961 = 100)

Total, major components and items	Indexes													
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Prelimi- nary 1966	1967	1968	1969
Transmission lines	92.1	94.5	95.7	97.0	98.9	100.0	100.9	102.3	102.7	108.3	113.6			
Materials	98.5	100.3	99.8	100.0	100.3	100.0	99.9	100.5	99.6	105.7	109.5			
Poles, towers and fixtures	95.8	97.3	98.8	102.0	100.3	100.0	101.3	103.1	103.5	108.7	114.2			
Poles, western cedar	97.7	97.2	99.0	104.1	99.2	100.0	100.4	103.8	101.8	115.2	130.7			
Crossarms	113.1	97.4	94.9	110.2	105.7	100.0	111.9	116.6	128.0	128.2	129.9			
Hardware	96.8	97.7	99.8	99.7	100.0	100.0	100.9	103.2	103.2	103.3	106.3			
Towers	90.8	97.1	99.0	99.8	100.0	100.0	100.0	100.0	100.0	102.2	102.4			
Conductors and insulators	101.2	103.5	100.9	97.9	100.3	100.0	98.5	97.9	95.5	102.6	104.8			
Conductors ACSR	102.4	105.0	101.9	97.7	100.0	100.0	98.1	97.3	94.4	101.9	103.4			
Insulators	94.9	95.2	95.9	98.7	102.0	100.0	100.6	101.4	101.4	106.0	112.2			
Labour	75.2	78.5	84.5	88.7	94.9	100.0	104.6	108.6	112.8	118.4	128.6			
Groundmen	74.7	78.0	84.2	88.3	94.6	100.0	104.7	108.8	113.0	118.4	129.3			
Linemen	76.0	79.3	85.0	89.3	95.4	100.0	104.5	108.2	112.5	118.4	127.6			
Construction equipment	84.2	88.2	91.5	94.3	97.5	100.0	99.2	99.4	101.4	103.0	106.4			
Equipment	78.2	84.3	89.9	93.2	96.1	100.0	104.1	104.9	107.2	109.0	111.6			
Bulldozers	76.9	82.6	87.9	92.0	95.3	100.0	104.2	106.2	111.0	112.3	112.5			
Compressors	75.1	79.9	86.0	89.8	93.5	100.0	105.6	105.0	106.8	111.2	117.6			
Trucks	82.6	90.5	95.7	97.8	99.6	100.0	102.3	103.5	103.7	103.6	104.8			
Operating expense	90.2	92.2	93.1	95.4	98.8	100.0	94.3	93.8	95.7	97.3	101.1			
Diesel fuel	99.1	103.2	97.9	99.6	100.0	100.0	101.7	103.1	101.3	98.1	97.7			
Gasoline	96.5	99.6	99.8	99.9	99.5	100.0	98.3	90.7	91.5	88.4	88.8			
Lubricating oils	91.0	94.1	94.5	96.0	98.4	100.0	100.0	99.8	99.2	99.5	102.9			
Tires	94.4	94.1	92.8	96.2	101.7	100.0	79.1	79.6	81.9	84.6	88.7			
Tubes	93.1	92.5	89.7	88.9	88.9	100.0	100.8	100.8	100.8	102.5	99.7			
Repair parts	93.4	95.3	96.6	97.3	98.7	100.0	101.0	103.7	103.5	103.9	104.8			
Mechanics	75.2	78.5	84.5	88.7	94.9	100.0	104.6	108.6	112.8	118.4	128.6			

TABLE 3. Price Indexes of Electric Utility Transformation and Switching Stations, Major Components and Items, Canada, Annually, 1956-66
(1961 = 100)

Total, major components and items	Indexes													1967	1968	1969
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Preliminary 1966					
Transformation and switching stations	117.2	118.4	107.6	112.4	109.2	100.0	107.0	113.6	120.1	126.5	133.7					
Structures and improvements	109.3	105.4	101.2	101.8	102.9	100.0	103.2	109.6	113.3	123.7	132.1					
Materials	100.0	99.8	99.0	99.6	100.5	100.0	101.3	104.6	110.0	118.2	122.5					
Ready-mix concrete	99.8	100.0	100.0	100.0	100.0	100.0	107.2	112.4	114.1	117.3	115.5					
Steel structures	92.3	97.4	99.0	99.8	100.6	100.0	100.1	102.4	107.1	114.6	116.0					
Wooden structures	102.2	97.1	97.1	103.9	102.5	100.0	104.2	108.9	116.0	125.0	130.7					
Buswork and conductors	109.6	103.5	99.0	98.3	100.2	100.0	100.0	103.5	110.8	121.8	131.6					
In-place prices	145.9	127.3	109.8	110.5	112.3	100.0	110.9	129.2	126.2	145.1	169.8					
Earth excavation	157.2	131.2	111.8	115.5	119.2	100.0	117.3	141.1	135.7	156.4	187.5					
Crushed gravels	127.4	121.0	106.4	102.3	101.1	100.0	100.4	109.7	110.7	126.7	141.0					
Labour	74.3	77.6	82.4	88.6	94.7	100.0	104.3	107.6	111.5	118.6	128.2					
Common	71.2	75.4	81.3	87.3	93.9	100.0	105.6	109.3	114.2	120.8	132.7					
Electricians	76.0	78.8	83.1	89.3	95.1	100.0	103.6	106.8	110.0	117.4	125.7					
Station equipment	131.1	133.0	116.2	121.6	114.8	100.0	108.7	116.2	124.2	129.4	135.7					
Power transformers	148.9	155.2	126.1	133.1	119.7	100.0	115.7	125.2	135.6	138.7	144.0					
Metalclad switchgear	132.1	125.1	115.9	119.9	116.0	100.0	103.0	109.0	113.9	125.2	133.6					
Circuit breakers	95.2	97.3	96.7	101.1	104.4	100.0	100.9	106.4	112.8	115.8	121.6					
Disconnect switches	96.5	100.7	98.8	97.2	99.9	100.0	100.1	102.4	107.1	114.6	121.2					

TABLE 4. Indexes for Labour Components(1) of Electric Utility Construction Price Indexes
Canada and Nine Cities, Annually, 1956-66
(1961 = 100)

	Weights		Indexes													1967	1968	1969
	For dis- tribution systems	For trans- mission lines	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	Prelimi- nary 1966					
Linemen																		
St. John's	2.0	.4	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	109.0	114.1					
Halifax	2.3	2.9	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	109.0	114.1					
Saint John	1.8	6.0	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	109.0	114.1					
Montreal	28.0	28.0	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	127.8	140.3					
Toronto	27.5	27.8	78.2	81.2	83.9	85.6	94.6	100.0	103.4	106.7	110.4	114.1	123.2					
Winnipeg	12.9	2.9	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.0	126.3					
Regina	9.0	9.6	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.0	126.3					
Edmonton	5.0	9.7	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.3	115.8					
Vancouver	11.5	12.7	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	121.2	129.4					
Linemen:																		
For distribution system	100.0		76.1	78.8	85.1	89.6	95.5	100.0	104.2	108.2	112.8	118.8	128.5					
For transmission lines		100.0	76.0	79.3	85.0	89.3	95.4	100.0	104.5	108.2	112.5	118.4	127.6					
Groundmen																		
St. John's	2.0	.4	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.7	125.9					
Halifax	2.3	2.9	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.7	125.9					
Saint John	1.8	6.0	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.7	125.9					
Montreal	28.0	28.0	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	127.8	140.3					
Toronto	27.5	27.8	74.0	78.2	84.4	86.0	94.8	100.0	102.9	106.2	109.4	113.0	124.0					
Winnipeg	12.9	2.9	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.0	126.3					
Regina	9.0	9.6	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.0	126.3					
Edmonton	5.0	9.7	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	112.8	119.1					
Vancouver	11.5	12.7	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	116.4	129.7					
Groundmen:																		
For distribution system	100.0		75.0	78.1	84.6	88.8	95.0	100.0	104.3	108.5	113.0	118.5	129.6					
For transmission lines		100.0	74.7	78.0	84.2	88.3	94.6	100.0	104.7	108.8	113.0	118.4	129.3					
Common labourer																		
Halifax	2.7		81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.7	125.9					
Saint John	2.1		82.9	91.0	94.6	94.6	96.4	100.0	103.6	103.6	106.3	117.1	120.9					
Montreal	31.7		73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	127.8	140.3					
Toronto	37.6		66.8	72.8	78.2	85.1	93.1	100.0	105.0	108.6	114.6	120.0	132.3					
Winnipeg	6.1		67.3	74.5	80.0	89.7	95.2	100.0	100.0	100.0	100.0	109.1	123.0					
Regina	4.8		77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.0	126.3					
Edmonton	4.2		71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	112.8	119.1					
Vancouver	10.8		73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	116.4	129.7					
Common labourer	100.0		71.2	75.4	81.3	87.3	93.9	100.0	105.6	109.3	114.2	120.8	132.7					
Electrician																		
Halifax	2.7		78.3	81.7	85.2	88.3	92.6	100.0	102.2	104.3	108.7	110.0	117.4					
Saint John	2.1		79.0	82.0	86.0	89.5	96.0	100.0	100.0	106.5	110.0	115.0	127.5					
Montreal	31.7		80.0	80.0	83.2	90.0	95.2	100.0	106.0	108.8	112.0	124.0	135.6					
Toronto	37.6		71.6	75.6	79.5	85.7	93.5	100.0	102.5	105.3	108.1	113.2	118.0					
Winnipeg	6.1		73.6	80.4	85.0	91.1	96.8	100.0	101.4	103.5	106.1	108.9	121.1					
Regina	4.8		88.0	89.3	92.7	96.6	98.7	100.0	106.8	111.1	114.5	118.8	130.8					
Edmonton	4.2		77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.3	115.8					
Vancouver	10.8		74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	121.2	129.4					
Electrician	100.0		76.0	78.8	83.1	89.3	95.1	100.0	103.6	106.8	110.0	117.4	125.7					

(1) All wage rate indexes are derived from data supplied by the Labour Standards Branch of the Department of Labour.

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1. Preliminary Electric Energy Statistics, September 1967

Net generation of electric energy increased 0.5% to 12,668,941 thousand kwh. in September 1967 from 12,599,996 thousand kwh. in September 1966. For the second consecutive month the percentage increase has been the smallest in recent years.

Firm energy consumption for the month was up 4.6% compared with an increase of 9.4% for 1966 over 1965. The September increase was made possible by a 58% increase in imports and decreases of 26% and 69% in exports and secondary energy consumption respectively.

During the first seven months of 1967, power sales (including energy used in own plant) have risen only 4.1% compared with a 10.0% increase in the same period last year.

Total net generation for the 12 month period ending September 30, 1967 amounted to 163,383,805 thousand kwh.

Further details will be published in the September edition of Electric Power Statistics, Catalogue No. 57-001.

Preliminary Electric Energy Statistics

(thousand Kwh)

	September		
	1965	1966	1967
Net generation - Hydro	9,327,935	9,996,193 ^r	9,777,656
Thermal	2,250,168 ^r	2,603,803 ^r	2,891,285
Total net generation	11,578,103 ^r	12,599,996	12,668,941
Energy imported from U.S.A.	293,685	220,995	348,200
Energy exported to U.S.A.:			
Firm	44,054	39,401	57,647
Secondary	270,067	353,122	233,336
Total exported to U.S.A.	314,121	392,523	290,983
Net energy used in Canada	11,557,667 ^r	12,428,468 ^r	12,726,158
Secondary energy used in Canada	364,609 ^r	378,276 ^r	116,617
Firm energy used in Canada	11,193,058 ^r	12,050,192 ^r	12,609,541

^r Revised figures.

2. Selected Electric Power Statistics, 1966

Production and Disposal of Electric Energy in 1966

Production of electric energy in 1966 amounted to 158,135,000,000 kilowatt-hours, up 9.6% from the 1965 total of 144,274,000,000 kilowatt-hours according to an advance release of data that will be contained in the 1966 issue of the annual DBS report "Electric Power Statistics Vol. II Annual Statistics" (Catalogue 57-202). Generation by utilities in 1966 rose 13.7% to 125,998,000,000 from 110,798,000,000 kwh. in the preceding year, and generation by industrial establishments - mainly for use in own plants - dropped 4.0% to 32,137,000,000 from 33,476,000,000 kwh. This was due to the transfer of certain industrial facilities to privately-operated utilities.

Electric energy made available in Canada in 1966 aggregated 156,956,000,000 kwh. (up 8.9% from the 1965 total of 144,165,000,000 kwh.). Imports dropped 10.0% to 3,218,035,000 kwh. while exports rose 19.4% to 4,397,333,000 kwh.

Sales to ultimate customers and to industrial establishments with generating facilities increased 11.7% to 117,873 million kwh. from the 1965 total of 105,515 million kwh. Total revenue from these sales amounted to \$1,209,468,000 up 8.5% from the total of \$1,115,076,000 in 1965. The revenue per kilowatt-hour for domestic and farm service continued to decline to 1.41¢ compared with 1.43¢ in 1965 and 1.60¢ in 1960. At the same time, average annual consumption per domestic and farm customer rose to 5,911 kwh. from 5,630 kwh. in 1964 and 4,489 kwh. in 1960.

Wages and salaries (excluding construction employees) paid by the electric utility industry amounted to \$286,599,000 in 1966, an increase of 7.9% over the \$265,582,000 in 1965. During the same period the number of employees declined 2.1% to 42,886 from 43,794.

Disposal of Electric Energy - 1966

	Used in own plant	Domestic and farm service				General service (commercial)		Power sales				Total sales to ultimate customers (1) and industrial establishments with generating facilities	
		Sales		Kwh. per customer	Revenue per kwh. ¢	Sales		To ultimate customers		To industrial est. with generating fac.		Million kwh.	'000 \$
		Million kwh.	'000 \$			Million kwh.	'000 \$	Million kwh.	'000 \$	Million kwh.	'000 \$		
Canada	44,225	32,131	453,534	5,911	1.41	14,544	253,155	51,991	394,801	18,099	78,847	117,873	1,209,468
Newfoundland	1,339	273	6,648	3,351	2.44	121	3,688	978	8,481	901	5,593	2,284	24,951
Prince-Edward-Island	- (2)	62	2,169	2,559	3.49	57	1,765	15	228	-	-	136	4,269
Nova Scotia	625	746	16,984	3,822	2.28	559	14,207	459	7,018	372	2,388	2,163	41,907
New Brunswick ...	1,155	526	14,395	3,377	2.74	313	7,977	1,008	11,341	668	4,182	2,536	38,946
Quebec	20,458	8,939	110,082	5,947	1.23	2,794	51,982	19,827	127,076	8,451	25,864	40,318	322,165
Ontario	7,408	13,532	174,658	6,577	1.29	6,400	84,686	20,781	151,165	5,081	27,582	46,206	448,646
Manitoba	997	1,946	22,925	7,637	1.18	791	11,874	2,113	17,735	271	1,158	5,193	55,385
Saskatchewan	194	1,185	26,938	4,673	2.27	326	8,424	1,364	20,403	2	31	2,909	57,215
Alberta	787	1,588	29,627	4,430	1.87	988	23,232	2,083	24,622	204	1,323	4,980	81,637
British Columbia	11,198	3,301	47,963	6,039	1.45	2,153	43,104	3,176	24,886	2,143	10,703	10,905	129,052
Yukon and North West Territories	64	33	1,145	5,927	3.49	42	2,216	161	1,846	6	23	243	5,295

(1) Includes sales for street lighting.

(2) Less than .5 million kwh.

	Installed generating capacity			Generation			Energy made available in Canada
	Utilities	Industrials	Total	Utilities	Industrials	Total	
	thousand kilowatts			million kilowatt hours			
CANADA	25,751	5,010	30,761	125,998	32,137	158,135(1)	156,956
Newfoundland	476	113	589	2,367	557	2,924	2,844
Prince Edward Island ..	57	-	57	156	-	156	156
Nova Scotia	607	60	667	2,620	252	2,872	2,683
New Brunswick	581	114	695	2,583	637	3,220	3,169
Quebec	8,824	2,365	11,189	45,660	17,082	62,742	56,592
Ontario	9,186	598	9,784	45,857	2,726	48,583	53,825
Manitoba	1,391	22	1,413	6,102	68	6,170	6,476
Saskatchewan	962	45	1,007	3,752	190	3,942	3,634
Alberta	1,418	82	1,500	5,739	410	6,149	6,155
British Columbia	2,182	1,594	3,776	10,901	10,155	21,056	21,101
Yukon and North West Territories	67	17	84	261	60	321	321

(1) Hydro-electric generation - 129,834; thermal - 28,301.

Refined Petroleum Products

Production of refined petroleum products increased 3.0% in August 1967 to 33,548,762 barrels from 32,557,810 in the same month last year, according to an advance release of data that will be contained in the August issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil increased 0.3% in August to 33,840,911 barrels from 33,737,138 a year earlier. There was 2.5% more domestic crude at 19,814,282 barrels versus 19,325,935 and, 2.7% less imported crude at 14,026,629 barrels versus 14,411,203. Domestic disappearance of finished petroleum products increased 7.1% to 36,611,914 barrels from 34,195,748 in the same month last year.

Cumulative data to August 1966 and August 1967 are presented in this issue for the first time, and will be a part of our subsequent publications.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, August, 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	1,053,957	280,692	(2)	617,754	725,997	3,460,231
Quebec	3,663,535	384,485	957,510	2,279,867	1,742,880	10,113,300
Ontario	3,975,116	206,796	893,743	1,526,123	1,796,328	10,055,581
Manitoba	523,970	76,363	250,166	60,787	84,660	1,339,321
Saskatchewan	915,300	151,576	445,152	171,537	98,865	2,135,317
Alberta	1,493,300	2,865	716,085	225,298	168,080	3,240,850
British Columbia	1,275,402	129,960	782,451	165,790	331,230	3,134,632
North West Territories and Yukon	5,614	-	- 10,057	37,132	13,530	69,530
Canada totals	12,906,194	1,232,737	4,035,050	5,084,288	4,961,570	33,548,762

(1) Included with Maritimes.

(2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, August, 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	234,932	-	96,048	467,659	794,274	1,703,221
Quebec	371,029	13,700	526,117	493,248	2,251,255	3,954,518
Ontario	214,500	5,600	97,402	208,767	280,500	1,117,908
All other	1,098	953	262	-	271,592	314,955
Canada totals	821,559	20,253	719,829	1,169,674	3,597,621	7,090,602

EXPORTS Of Selected Petroleum Products, August, 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	-	-	1	-	-	1
Quebec	-	-	-	-	-	9,036
Ontario	-	-	-	74,090	-	156,471
Alberta	-	-	-	-	915	915
British Columbia	57,063	-	38,123	10,801	-	124,284
Canada totals	57,063	-	38,124	84,891	915	290,707

NET SALES In Canada Of Selected Petroleum Products, August, 1967

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	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products	Total all products	
			Diesel	Light	Heavy		Cumulative 1967	Cumulative 1966
			Barrels of 35 Canadian gallons					
Newfoundland	195,529	33,563	178,239	39,187	209,581	804,178	7,365,043	6,286,133
Maritimes	980,244	81,822	283,082	138,085	1,064,451	2,964,108	25,167,893	21,983,030
Quebec	3,546,034	84,913	821,026	630,067	3,149,893	10,197,342	84,754,481	76,828,790
Ontario	5,419,691	84,589	706,423	717,143	1,845,418	10,756,815	92,830,838	87,479,319
Manitoba	806,583	9,205	326,823	22,427	38,897	1,445,162	10,305,758	9,829,120
Saskatchewan	1,194,767	12,306	438,930	28,530	45,423	1,975,396	12,269,157	11,904,404
Alberta	1,506,429	11,000	561,129	34,153	97,004	2,739,880	16,967,357	16,208,841
British Columbia	1,521,131	36,792	639,594	62,346	540,990	3,332,692	27,362,125	25,562,186
North West Territories and Yukon	22,006	9,421	49,392	4,928	18,563	143,634	731,902	830,839
Canada Totals	15,192,414	363,611	4,004,638	1,676,866	7,010,220	34,359,207		
Canada cumulative 1967	94,080,739	11,398,525	27,136,888	53,810,625	57,195,836	-	277,754,554	-
Canada cumulative 1966	88,872,728	10,996,263	25,313,453	49,646,425	50,505,321	-	-	256,912,662

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1. Coal and Coke Statistics, September 1967

Coal production for the month of September 1967 amounted to 904,176 tons a decrease of 2.4% from the September 1966 production of 926,718 tons, while landed imports were 1,218,973 tons compared with 2,303,398 tons for the month of September 1966. Consumption by industrial consumers amounted to 1,194,047 tons of coal and 432,005 tons of coke, an increase of 58,041 tons of coal and a decrease of 48,085 tons of coke from last year.

Industrial consumers' stocks of coal and coke increased to 6,340,801 tons from 6,179,562 tons in September 1966.

Coke production during the month of September 1967 decreased to 364,779 tons from 372,966 tons in September 1966, while coke used in blast furnaces decreased to 308,236 tons from 326,163 tons during the same period.

The above data will be published in the September edition of Coal and Coke Statistics, Catalogue No. 45-002.

Coal and Coke Statistics

September 1967

	Coal					Coke	
	Production	Landed imports	Shipments by coal operators (producers)	Consumption by industrial consumers	Stocks held by industrial consumers	Consumption by industrial consumers	Stocks held by industrial consumers
	tons						
Newfoundland	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-
Nova Scotia	316,956	46,567	338,906	63,926	19,506	31,536	-
New Brunswick	70,742	187	71,449	53,454	62,045	-	-
Quebec	-	40,403	-	99,448	423,703	41,105	141,996
Ontario	-	1,131,816	-	692,639	5,210,121	332,416	104,547
Manitoba	-	-	-	19,653	86,051	156	820
Saskatchewan	138,291	-	141,294	116,471	184,091	-	-
Alberta	269,890	-	266,252	135,989	51,950	348	201
British Columbia and Yukon ..	108,297	-	84,993	12,467	7,413	26,444	48,357
Total Canada 1967	904,176	1,218,973	902,894	1,194,047	6,044,880	432,005	295,921
Total Canada 1966	926,718	2,303,398	1,002,677	1,136,006	5,881,036	480,090	298,526

2. Retail Outlets by Metropolitan Area-First Quarter, 1967

The following statistics are the result of a pilot survey of quarterly sales of gasoline in major metropolitan areas.

Fifty-four retail marketers of gasoline report sales of 296 million gallons dispensed through 6,387 outlets in these five metropolitan areas.

	Montreal	Ottawa Hull	Toronto Hamilton	Winnipeg	Vancouver	Total
<u>Outlets</u>						
Number of branded outlets	2,131	435	2,274	455*	991*	6,286
Number of others outlets	55	12	34	-	-	101
Totals	2,186	447	2,308	455	991	6,387
<u>Gallage</u>						
	'000 gallons					
Dispensed through branded outlets ...	97,382	19,970	114,736	18,852*	38,887*	289,827
Dispensed through other outlets	2,695	1,079	2,450	-	-	6,224
Totals	100,077	21,049	117,186	18,852	38,887	296,051

* In Winnipeg and Vancouver areas, branded and other outlets are combined.

Gasoline sales through retail outlets in the five metropolitan areas averaged 46,352 gallons per station during the first quarter of 1967. The Toronto-Hamilton area leads with 50,774 gallons per station, followed by Ottawa-Hull, Montreal, Winnipeg and Vancouver in that order.

Using vehicle registration statistics, the passenger cars per service station in the five metropolitan areas averaged 347. The Toronto-Hamilton service stations enjoy an average on 395 passenger cars, while Montreal has the lowest average with 311 passenger cars per service station.

The population per car in these metropolitan areas is estimated at 3.3 and this compares favorably with the Canada figure of 3.6. The city of Vancouver is leading with a population of 2.8, followed by Toronto-Hamilton, Ottawa-Hull, Winnipeg and Montreal, where the latter area has a ratio of 3.9 persons per car.

The quantity of gasoline consumed in Canada per car during the first quarter of 1967 is calculated to be 136.6 gallons. In the metropolitan areas this average is 134 gallons per car; Montreal leads with 147 gallons, followed in this order: - Ottawa-Hull, 139 gallons; Toronto-Hamilton, 129 gallons; Winnipeg, 123 gallons; Vancouver, 122 gallons.

Metropolitan areas are not identified with census metropolitan areas or municipal boundries. Populations and car populations are estimated for these areas as follows:

	Population	Passenger cars	Commercial vehicles(1)
Montreal	2,646,876	679,000	90,300
Ottawa-Hull	503,714	151,500	18,000
Toronto-Hamilton	2,714,065	911,000	112,700
Winnipeg	508,759	153,800	18,700
Vancouver	892,286	318,000	44,900
Total Canada	20,014,880	5,507,300	1,627,700

(1) Taxis included.

Future bulletins will release data on subsequent yearly quarters.

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1. Oil Pipeline Transport, Natural Gas Pipeline Transport and Distribution Companies

Quarterly Financial Statistics
Period ended September 30, 1967

For the nine month period ended Sept. 30, 1967 net income for oil pipeline companies was \$36.1 million, compared with the \$34.3 million reported for the same period in 1966, (up 5.2 per cent). Net income of gas pipeline companies increased to \$23.7 million, 28.8 per cent over the \$18.4 million in the previous year. Net income of privately operated natural gas distribution companies, which account for approximately 80 per cent of all distributors' revenues, was \$28.8 million, down 6.5 per cent from \$30.8 million.

Fixed assets as at Sept 30, 1967 totalled \$748.7 million for oil pipeline companies (up 16.6 per cent from \$642.0 million), \$1,248.7 million for gas pipeline companies (up 10.3 per cent from \$1,132.6 million), and \$1,057.9 million for gas distribution companies (up 8.0 per cent from \$979.7 million).

Quarterly Statement

Assets, Liabilities and Net Worth as at Sept. 30, 1966-67

	Oil pipeline transport		Natural gas pipeline transport		Natural gas distribution (privately operated)	
	1966	1967	1966	1967	1966	1967
millions of dollars						
<u>Assets</u>						
Current assets:						
Cash	27.9	33.8	34.4	15.9	6.9	7.0
Accounts receivable less provision for doubtful accounts	18.5	23.1	20.9	24.2	44.6	52.4
Inventories of materials and supplies(1)	2.4	3.2	5.4	5.5	33.4	33.4
Other current assets	1.3	1.3	0.3	0.7	7.6	14.4
	50.1	61.4	61.0	46.3	92.5	107.2
Investments	67.1	60.1	60.8	61.1	138.9	161.8
Fixed assets	642.0	748.7	1,132.6	1,248.7	979.7	1,057.9
Less depreciation and amortization	218.2	237.7	161.8	190.6	156.5	174.4
Net fixed assets	423.8	511.0	970.8	1,058.1	823.2	883.5
Deferred debits	3.6	3.2	22.4	22.2	28.7	26.8
Total assets	544.6	635.7	1,115.1	1,187.7	1,083.3	1,179.3
<u>Liabilities and Net Worth</u>						
Current liabilities:						
Short term loans	11.7	6.2	2.3	49.4	37.6	28.9
Accounts payable	30.5	38.2	36.3	56.1	71.1	78.2
Long term debt due within one year less long term debt owned	15.6	18.7	22.2	24.0	9.9	13.4
Other current liabilities	0.6	1.8	0.4	0.1	6.7	5.7
	58.4	64.9	61.2	129.6	125.3	126.2
Long term debt	261.7	317.9	724.7	712.1	492.7	520.8
Deferred credits	46.2	50.3	8.0	6.0	23.3	25.6
Capital stock and surplus:						
Preferred	9.1	11.4	77.5	77.7	102.4	134.6
Common	69.9	73.5	90.9	96.9	176.9	195.1
Contributed surplus	22.3	22.3	94.8	90.5	42.3	39.7
Retained earnings	77.0	95.4	58.0	74.9	120.4	137.3
	178.3	202.6	321.2	340.0	442.0	506.7
Total liabilities and net worth	544.6	635.7	1,115.1	1,187.7	1,083.3	1,179.3

(1) Includes oil and gas inventories and gas stored underground.

Quarterly Statement

Preliminary Operating Revenue and Expense Account
For Nine Months Ending Sept. 30, 1966-67

	Oil pipeline transport		Natural Gas pipeline transport		Natural gas distribution (privately operated)	
	1966	1967	1966	1967	1966	1967
	millions of dollars					
Total operating revenues	114.5	126.4	190.0	209.8	277.7	264.7
Total operating expenses	26.8	29.9	117.0	131.6	192.2	181.9
Net revenue from operations	87.7	96.5	73.0	78.2	85.2	82.8
Other income and income from affiliated companies	6.1	8.2	1.7	1.3	4.1	3.8
Other deductions and fixed charges:						
Depreciation	17.2	19.1	21.2	22.3	17.2	17.6
Interest on long term debt	10.8	12.8	32.9	30.5	22.0	21.3
Other	1.4	1.3	2.2	3.0	2.7	3.1
Net income before taxes	29.4	33.2	56.3	55.8	41.9	42.0
	64.4	71.5	18.4	23.7	47.7	44.6
Provision for income taxes	30.1	35.4	-	-	16.9	15.8
Net income after taxes	34.3	36.1	18.4	23.7	30.8	28.8

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1. Preliminary Electric Energy Statistics, October 1967

Net generation of electric energy increased 2.6% to 13,956,-837 thousand kwh. in October 1967 from 13,595,422 thousand kwh. generated one year ago. Output from hydro plants declined by 0.2% while thermal generation increased 13.6%.

Imports were up 26.1% while exports increased 12.8%. For the tenth consecutive month secondary energy consumption declined substantially. In October the decrease amounted to 50% compared with the same month last year. As a result of the increase in imports and the decrease in exports and secondary energy consumption, firm energy used in Canada increased 5.3%.

During the first ten months of 1967, net generation and imports have risen 4.9% and 42% respectively while exports and secondary energy consumption have decreased by 2.1% and 40% respectively.

Total net generation for the twelve month period ending October 31, 1967 amounted to 163,793,169 thousand kwh. compared with 163,431,754 thousand kwh. for the period ending in September.

Further details will be published in the October edition of Electric Power Statistics, Catalogue No. 57-001.

Preliminary Electric Energy Statistics
(thousand Kwh)

	October		
	1965	1966	1967
Net generation - Hydro	10,560,393	10,817,754 ^r	10,801,445
Thermal	2,008,132 ^r	2,777,668 ^r	3,155,392
Total net generation	12,568,525 ^r	13,595,422 ^r	13,956,837
Energy imported from U.S.A.	280,000	286,752	348,934
Energy exported to U.S.A.:			
Firm	52,125	49,105	65,596
Secondary	257,485	370,910	300,840
Total exported to U.S.A.	309,610	420,015	366,436
Net energy used in Canada	12,538,915 ^r	13,462,159 ^r	13,939,335
Secondary energy used in Canada	545,371 ^r	420,447 ^r	209,182
Firm energy used in Canada	11,993,544 ^r	13,041,712 ^r	13,730,153

Revised figures.

2. Retail Gasoline Statistics by Metropolitan Area - Second Quarter 1967

Retail sales of gasoline in Canada's major metropolitan areas for the second quarter of 1967 were 333.3 million gallons: this amount was dispensed through 6430 outlets. The breakdown by area is as follows:

	Metropolitan Areas					
	Montreal	Ottawa Hull	Toronto Hamilton	Winnipeg	Vancouver	Total
<u>Outlets</u>						
Number of branded outlets	2,159	432	2,286	457*	992*	6,326
Number of others outlets	55	12	37	-	-	104
Totals	2,214	444	2,323	457	992	6,430
'000 gallons						
<u>Gallorage</u>						
Dispensed through branded outlets ...	107,109	21,072	132,323	20,109*	46,786*	327,399
Dispensed through other outlets	2,885	1,078	1,984	-	-	5,947
Totals	109,994	22,150	134,307	20,109	46,786	333,346

* In Winnipeg and Vancouver areas, branded and other outlets are combined.

Using vehicle registration statistics, the passenger cars per service station in the five metropolitan areas averaged 344. The Toronto-Hamilton area has an average of 392 passenger cars per station followed by Ottawa-Hull, 341, Winnipeg, 336, Vancouver, 320, and Montreal, 307.

The population per car in these metropolitan areas is estimated at 3.3; this compares favorably with the Canada figure of 3.6. The city of Vancouver has a population per car of 2.8, followed by Toronto-Hamilton, Ottawa-Hull, Winnipeg and Montreal, with the final area registering a ratio of 3.9 persons per car.

During the 2nd quarter of 1967, the gasoline sold through retail pumps outlets in Canada is estimated to average 125 gallons per vehicle. In the metropolitan areas this average is 134 gallons; with Montreal showing an average of 143 gallons; Toronto-Hamilton 131 gallons; Ottawa-Hull, 131; gallons; Vancouver 129 gallons and Winnipeg 117 gallons. For the 1st quarter of 1967, these averages were as follows: total Canada 104, metropolitan areas 134; Montreal 130; Toronto-Hamilton 114; Ottawa-Hull 124; Vancouver 107; Winnipeg 109.

Metropolitan areas are not identified with census metropolitan areas or municipal boundaries. Populations and car populations are estimated for these areas as follows:

	Population	Passenger cars	Commercial vehicles(1)
Montreal	2,646,876	679,000	90,300
Ottawa-Hull	503,714	151,500	18,000
Toronto-Hamilton	2,714,065	911,000	112,700
Winnipeg	508,759	153,800	18,700
Vancouver	892,286	318,000	44,900
Total Canada	20,014,880	5,507,300	1,627,700

(1) Taxis included.



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1. Natural Gas Statistics, May 1967

During May 1967, Transport and Distribution Systems accounted for 97,100,733 Mcf. of the total deliveries to gas utilities. Imports were 4,984,144 Mcf. The total supply to gas utilities for the month was 103,344,934 Mcf., an increase of 15.2% over the same month last year.

Total sales of natural gas to Canadian consumers by distributors for April 1967 were 56,131,470 Mcf. This was an increase of 12.8% over the same month last year.

Residential customers accounted for 27.5%, industrial customers 54.5% and commercial customers 18.0% of the total sales.

Revenues for the sales were \$35,098,485 for the month.

Catalogue No. 55-002, which will be released shortly, will show more complete statistics of natural gas sales.

	New Brunswick	Quebec	Ontario	Saskatchewan	Alberta	British Columbia	Imports from U.S.A.	Total
Receipts								
By transport and distribution systems ..	7,436	2,762	1,091,240	2,503,560	77,196,773	16,298,962	-	97,100,733
Imports and other receipts	-	-	-	-	2,191	-	4,984,144	4,986,335
Received from storage ...	-	-	1,083,123	70,070	104,673	-	-	1,257,866
Total supply of gas utilities	7,436	2,762	2,174,363	2,573,630	77,303,637	16,298,962	4,984,144	103,344,934
Disposition								
Sales								
British Columbia	-	-	-	-	774,438	4,997,427	-	5,771,865
Alberta	-	-	-	-	15,785,617	-	6,164	15,791,781
Saskatchewan	-	-	-	3,507,294	2,529,399	-	-	6,036,693
Manitoba	-	-	-	-	3,385,395	-	-	3,385,395
Ontario	-	-	2,117,129	-	15,329,825	-	4,977,906	22,424,860
Quebec	-	2,762	-	-	2,713,108	-	-	2,715,870
New Brunswick	5,006	-	-	-	-	-	-	5,006
Exports and other deliveries								
Delivered to storage	-	-	-	-	32,200,096	10,955,986	-	43,156,082
Linepack fluctuation	-	-	-	525,811	4,270,033	-	-	4,795,844
Gas used in system	78	-	-	-	378,348	-	-	- 481,628
Line losses and unaccounted for	2,352	-	31,704	93,971	3,569,816	616,826	-	4,312,395
		-	25,530	1,517,696	2,875,742	- 203,747	74	- 4,569,229
Total demand on gas utilities	7,436	2,762	2,174,363	2,573,630	77,303,637	16,298,962	4,984,144	103,344,934

MCF.

Sales of Natural Gas, May 1967

	Customers		Gas sold	Revenue
	Space heating	Total		
	No.		Mcf.	\$
Residential:				
New Brunswick	100	1,966	3,406	11,809
Quebec	87,989	202,720	829,692	1,412,031
Ontario	501,921	657,388	6,589,896	8,065,744
Manitoba	93,945	96,584	1,314,307	1,194,724
Saskatchewan	107,095	111,509	1,744,973	1,320,372
Alberta	240,904	243,418	3,801,106	2,130,786
British Columbia	158,849	179,111	1,155,172	1,696,418
Canada	1,190,803	1,492,698	15,438,552	15,831,884
Industrial:				
New Brunswick	-	-	-	-
Quebec	2,254	1,509,810	903,673	6,539,514
Ontario	7,174	11,036,415	347,206	837,209
Manitoba	280	1,112,185	1,657,123	1,512,276
Saskatchewan	574	3,323,378	3,684,787	11,797,001
Alberta	792	8,918,478		
British Columbia	278	3,684,787		
Canada	11,352	30,586,654		
Firm	10,842	23,221,925	9,369,514	
Interruptible	510	7,364,729	2,427,487	
Commercial:				
New Brunswick	60	1,600	3,752	
Quebec	10,136	376,368	412,777	
Ontario	57,016	4,798,549	3,553,109	
Manitoba	8,644	958,903	690,304	
Saskatchewan	15,183	968,342	537,593	
Alberta	26,990	3,072,197	1,194,768	
British Columbia	23,553	931,906	1,077,297	
Canada	141,582	10,106,264	7,469,600	
Total sales:				
New Brunswick	2,026	5,006	15,561	
Quebec	215,110	2,715,870	2,728,481	
Ontario	721,578	22,424,860	18,158,367	
Manitoba	105,510	3,385,395	2,232,234	
Saskatchewan	127,266	6,036,693	2,695,174	
Alberta	271,200	15,791,781	4,982,677	
British Columbia	202,942	5,771,865	4,285,991	
Canada	1,645,632	56,131,470	35,098,485	

Refined Petroleum Products

Production of refined petroleum products increased 3.0% in September 1967 to 32,490,398 barrels from 31,547,023 in the same month last year, according to an advance release of data that will be contained in the September issue of the DBS report "Refined Petroleum Products."

Receipts of crude oil decreased 1.6% in September to 31,304,395 barrels from 31,820,190^r a year earlier. There was .03% more domestic crude at 18,243,134 barrels versus 18,237,833^r and, 3.8% less imported crude at 13,061,261 barrels versus 13,582,357. Domestic disappearance of finished petroleum products increased 3.0% to 36,298,457 barrels from 35,230,579^r in the same month last year.

^r Revised figure.

REFINERY PRODUCTION In Canada Of Selected Petroleum Products, September, 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Newfoundland	(1)	(1)	-	(1)	(1)	(1)
Maritimes	901,764	254,546	(2)	576,284	601,111	3,090,084
Quebec	3,214,173	284,035	1,188,983	2,100,511	1,942,359	10,051,821
Ontario	3,687,912	204,452	657,320	1,690,148	1,649,781	9,556,273
Manitoba	549,780	58,397	181,209	143,816	87,415	1,308,079
Saskatchewan	966,533	134,643	- 33,465	512,109	134,019	2,059,705
Alberta	1,512,559	23,369	446,803	357,576	162,312	3,207,231
British Columbia	1,245,290	180,325	814,339	89,417	369,742	3,145,065
North West Territories and Yukon	14,322	-	12,541	17,341	18,275	72,140
Canada totals	12,092,333	1,139,767	3,267,730	5,487,202	4,965,014	32,490,398

(1). Included with Marine

(2). Fuel oil

(1) Included with Maritimes. (2) Included with Quebec.

IMPORTS Into Canada Of Selected Petroleum Products, September, 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	84,750	39,310	342,698	323,668	247,611	1,240,265
Quebec	322,522	99,378	139,123	468,537	2,363,735	3,793,137
Ontario	106,610	426	99,840	-	85,667	543,563
All other	6,071	1,133	128,198	-	320,157	497,756
Canada totals	519,953	140,247	709,859	792,205	3,017,170	6,074,721

EXPORTS Of Selected Petroleum Products, September, 1967

	Motor gasoline	Kerosene stove oil	Fuel oil			Total all products
			Diesel	Light	Heavy	
	Barrels of 35 Canadian gallons					
Maritimes	-	-	-	-	-	-
Quebec	-	-	129	-	-	6,404
Ontario	-	-	-	104,508	391	161,580
Alberta	-	-	-	-	-	917
British Columbia	49,354	-	12,140	8,965	917	90,500
All other	-	-	-	-	-	5,217
Canada totals	49,354	-	12,269	113,473	1,308	264,618

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1. Retail Gasoline Statistics by Metropolitan Area Third Quarter 1967

Retail sales of gasoline in Canada's major metropolitan areas, for the third quarter of 1967 were 334.2 million gallons. This amount was dispensed through 6,486 outlets.

The breakdown by area is as follows:

	Metropolitan Areas					
	Montreal	Ottawa Hull	Toronto Hamilton	Winnipeg	Vancouver	Total
<u>Outlets</u>						
Number of branded outlets	2,167	439	2,300	461*	992*	6,359
Number of other outlets	76	10	41	-	-	127
Totals	2,243	449	2,341	461*	992*	6,486
<u>Gallonage ('000 gallons)</u>						
Dispensed through branded outlets ...	111,937	21,293	125,234	21,595*	47,045*	327,104
Dispensed through other outlets	4,308	598	2,146	-	-	7,052
Totals	116,245	21,891	127,380	21,595*	47,045*	334,156

* In Winnipeg and Vancouver areas, branded and other outlets are combined.

Using vehicle registration statistics, passenger cars per service station in the five metropolitan areas averaged 341. The Toronto - Hamilton area has an average of 389 passenger cars per station, followed by Ottawa - Hull with 337; Winnipeg, 334; Vancouver, 321, and Montreal, 303.

Population per car in these metropolitan areas is estimated at 3.3. This compares favourably with the Canada figure of 3.6. The city of Vancouver has a population per car of 2.8, followed by Toronto - Hamilton, Ottawa - Hull, Winnipeg and Montreal, with the final area registering a ratio of 3.9 persons per car.

During the third quarter of 1967, gasoline sold through retail pump outlets in the metropolitan areas averaged 134 gallons per vehicle. Montreal shows an average of 151 gallons; Vancouver, 130; Ottawa - Hull, 129; Winnipeg, 125; Toronto - Hamilton, 124.

For the second quarter of 1967, these averages were as follows: Metropolitan areas, 134; Montreal, 143; Ottawa - Hull, 131; Toronto - Hamilton, 131; Winnipeg, 117 and Vancouver, 129.

Metropolitan areas are not identified with census metropolitan areas or municipal boundaries. Populations and car populations are estimated for these areas as follows:

	Population	Passenger cars	Commercial vehicles(1)
Montreal	2,646,876	679,000	90,300
Ottawa-Hull	503,714	151,500	18,000
Toronto-Hamilton	2,714,065	911,000	112,700
Winnipeg	508,759	153,800	18,700
Vancouver	892,286	318,000	44,900
Total Canada	20,014,880	5,507,300	1,627,700

(1) Taxis included.

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ENERGY STATISTICS

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